LG

DVD RECEIVER
SERVICE MANUAL

MP3 CD-R/RW R·D·S DOLBY DIGITAL PRO LOGIC II DIGITAL dts SURROUND COMPACT disc DIGITAL AUDIO

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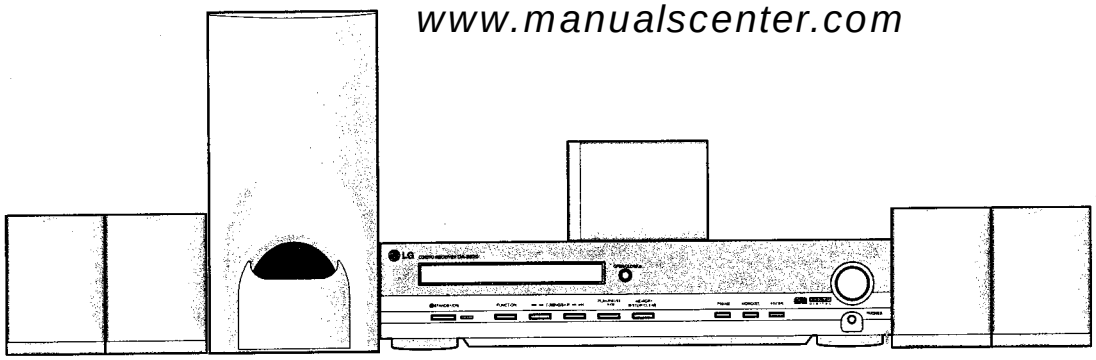
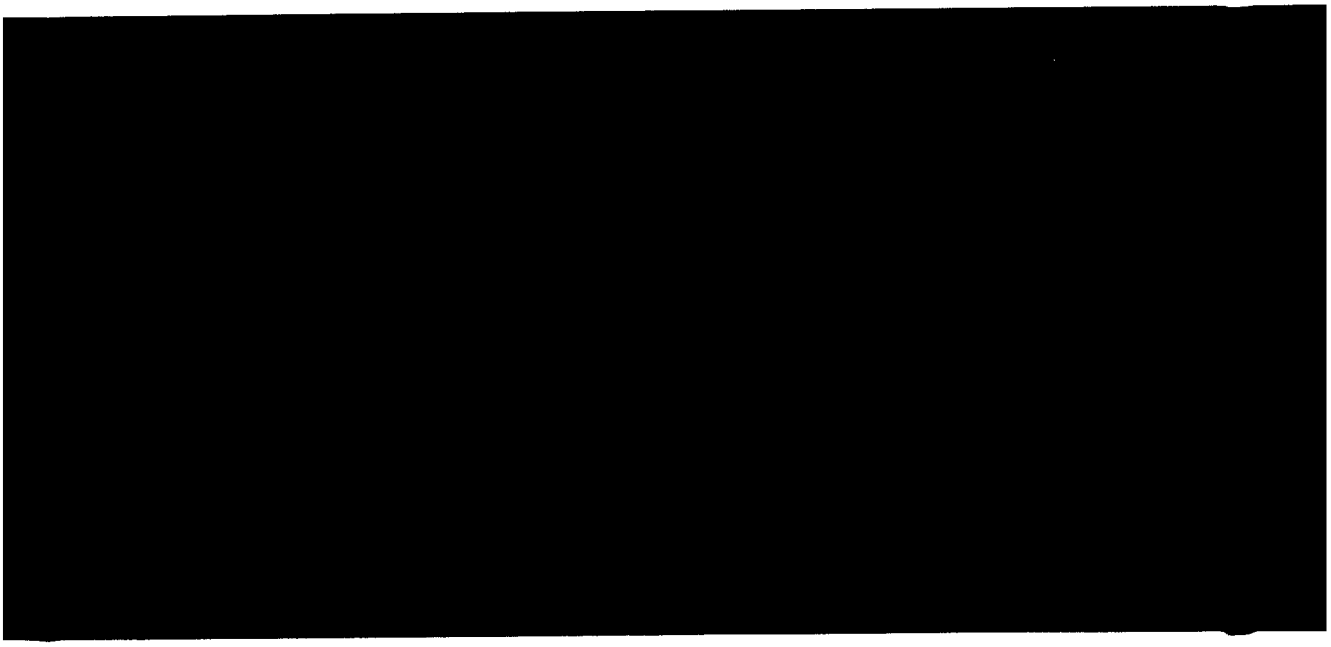


MODEL: DA-3620/3630A/AD
FE-3620WE, FE-3620TE



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SECTION 1. GENERAL PART

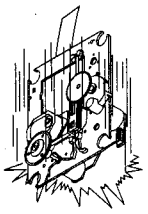
SERVICING PRECAUTIONS

NOTES REGARDING HANDLING OF THE PICK-UP

1. Notes for transport and storage

1) The pick-up should always be left in its conductive bag until immediately prior to use.
2) The pick-up should never be subjected to external pressure or impact.

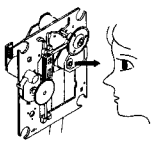
Storage in conductive bag



Drop impact

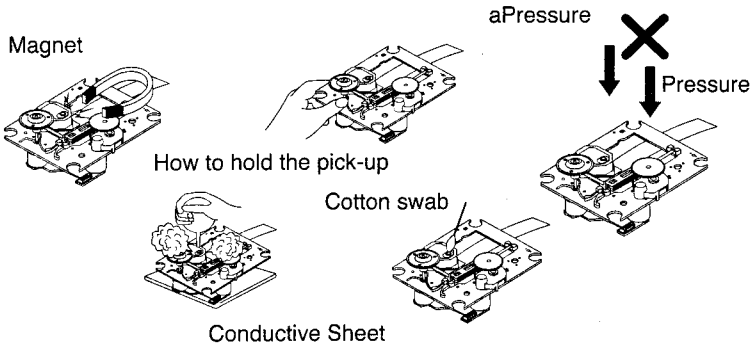
2. Repair notes

1) The pick-up incorporates a strong magnet, and so should never be brought close to magnetic materials.
2) The pick-up should always be handled correctly and carefully, taking care to avoid external pressure and impact. If it is subjected to strong pressure or impact, the result may be an operational malfunction and/or damage to the printed-circuit board.
3) Each and every pick-up is already individually adjusted to a high degree of precision, and for that reason the adjustment point and installation screws should absolutely never be touched.
4) Laser beams may damage the eyes!
   Absolutely never permit laser beams to enter the eyes!
   Also NEVER switch ON the power to the laser output part (lens, etc.) of the pick-up if it is damaged.



NEVER look directly at the laser beam, and don't let contact fingers or other exposed skin.

5) Cleaning the lens surface
   If there is dust on the lens surface, the dust should be cleaned away by using an air bush (such as used for camera lens). The lens is held by a delicate spring. When cleaning the lens surface, therefore, a cotton swab should be used, taking care not to distort this.



6) Never attempt to disassemble the pick-up.
   Spring by excess pressure. If the lens is extremely dirty, apply isopropyl alcohol to the cotton swab. (Do not use any other liquid cleaners, because they will damage the lens.) Take care not to use too much of this alcohol on the swab, and do not allow the alcohol to get inside the pick-up.

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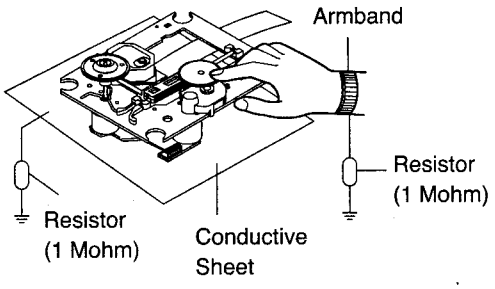
NOTES REGARDING COMPACT DISC PLAYER REPAIRS

1. Preparations

1) Compact disc players incorporate a great many ICs as well as the pick-up (laser diode). These components are sensitive to, and easily affected by, static electricity. If such static electricity is high voltage, components can be damaged, and for that reason components should be handled with care.
2) The pick-up is composed of many optical components and other high-precision components. Care must be taken, therefore, to avoid repair or storage where the temperature of humidity is high, where strong magnetism is present, or where there is excessive dust.

2. Notes for repair

1) Before replacing a component part, first disconnect the power supply lead wire from the unit
2) All equipment, measuring instruments and tools must be grounded.
3) The workbench should be covered with a conductive sheet and grounded.
   When removing the laser pick-up from its conductive bag, do not place the pick-up on the bag. (This is because there is the possibility of damage by static electricity.)
4) To prevent AC leakage, the metal part of the soldering iron should be grounded.
5) Workers should be grounded by an armband (1MΩ)
6) Care should be taken not to permit the laser pick-up to come in contact with clothing, in order to prevent static electricity changes in the clothing to escape from the armband.
7) The laser beam from the pick-up should NEVER be directly facing the eyes or bare skin.



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ESD PRECAUTIONS

Electrostatically Sensitive Devices (ESD)

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ESD devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ESD devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESD devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESD devices.
6. Do not remove a replacement ESD device from its protective package until immediately before you are ready to install it. (Most replacement ESD devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive materials).
7. Immediately before removing the protective material from the leads of a replacement ESD device, touch the protective material to the chassis or circuit assembly into which the device will by installed.

CAUTION : BE SURE NO POWER IS APPLIED TO THE CHASSIS OR CIRCUIT, AND OBSERVE ALL OTHER SAFETY PRECAUTIONS.

8. Minimize bodily motions when handing unpackaged replacement ESD devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ESD device).

CAUTION. GRAPHIC SYMBOLS

THE LIGHTNING FLASH WITH APROWHEAD SYMBOL. WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK.

THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF IMPORTANT SAFETY INFORMATION IN SERVICE LITERATURE.

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SPECIFICATIONS

[General]	Power supply	AC 220~240V, 50/60Hz	
	Power consumption	70W	
	Mass	4.6kg	
	External dimensions (W x H x D)	360 x 72 x 350mm	
	Operating conditions	Temperature: 5°C to 35°C, Operation status: Horizontal	
	Operating humidity	5% to 85%	
[CD/DVD]	Laser	Semiconductor laser, wavelength 650nm	
	Signal system	PAL 625/50, NTSC 525/60	
	Frequency range(audio)	4 Hz to 20 kHz	
	Signal-to-noise ratio(audio)	More than 75dB (1kHz, NOP, 20kHz LPF/A-Fiter)	
	Dynamic range (audio)	More than 75dB	
	Harmonic distortion(audio)	0.5% (1kHz, at 12Q position) (20kHz LPF/A-Filter)	
[Video]	Video input	1.0V (p-p), 75Ω, negative sync., RCA jack	
	Video output	1.0V (p-p), 75Ω, negative sync., RCA jack	
	S-video output	(Y) 1.0V (p-p), 75Ω, negative sync., Mini DIN 4-pin x 1 (C) 0.3V (p-p), 75Ω	
[Tuner] FM	Tuning Range	87.5~108MHz	
	Intermediate Frequency	10.7MHz	
	Signal-to Noise Ratio	60dB	
	Frequency Response	150~10,000Hz	
AM(MW)	Tuning Range	522~1, 611kHz	
	Intermediate Frequency	450kHz	
[Amplifier]	Stereo mode	35W + 35W(8Ω at 1kHz, THD 10%)	
	Surround mode * Depending on the sound mode settings and the source, there may be no sound output.	Front: 50W+50W (THD 10%) Center*: 35W Surround*: 50W +50W(8Ω at 1Hz, THD 10%)~35W Subwoofer*: 35W(8Ω at 30Hz, THD 1%)	
	Inputs	VIDEO 1, 2, OPTICAL AUDIO	
	Outputs	VIDEO 1(AUDIO OUT): 2V WOOFER: 2V	
[Speakers]		Satellite Speaker(FE-3620TE)	Passive Subwoofer(FE-3620WE)
	Type	1 Way 1Speaker	1Way 1Speaker
	Impedance	8Ω	8Ω
	Frequency Response	110~40,000Hz	45 ~1,500Hz
	Sound Pressure Level	83dB/W(1m)	82 dB/W(1m)
	Rated Inut Power	35W	35W
	Max. Input Power	70W	70W
	Net dimensions(W x H x D)	90 x 70 x 106.5mm	160 x 350 x 325mm
	Net Weight	0.65kg	4.5kg
[Supplied Accessories]	• Audio cable ..... 1 • Speakers ..... 6 • Remote control ..... 1 • AM loop antenna ..... 1 • Video cable ..... 1 • Speaker cables ..... 5 • Batteries (AAA) ..... 2 • FM antenna 1		

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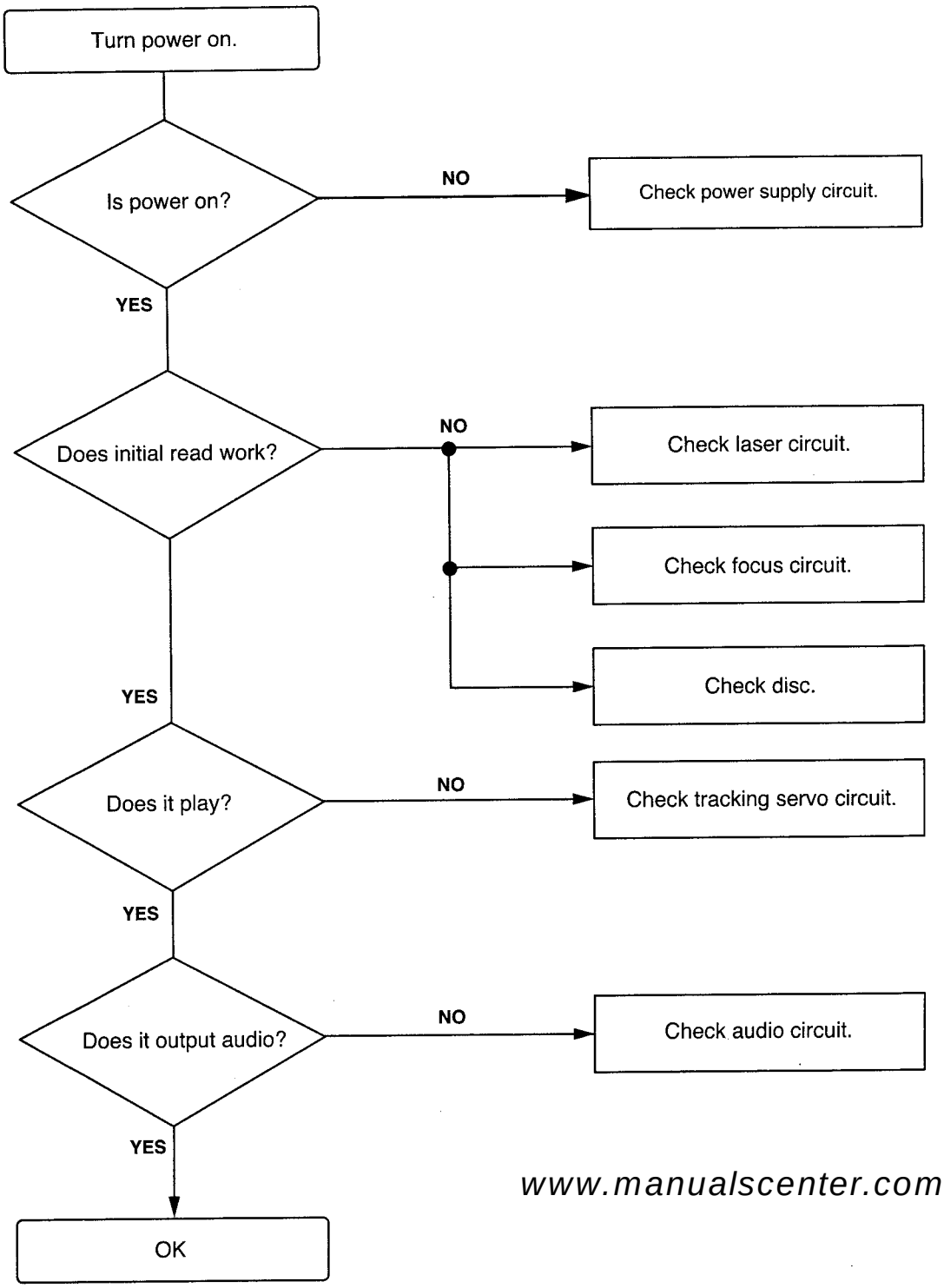
SECTION 2. AUDIO PART

ELECTRICAL TROUBLESHOOTING GUDIE

1.



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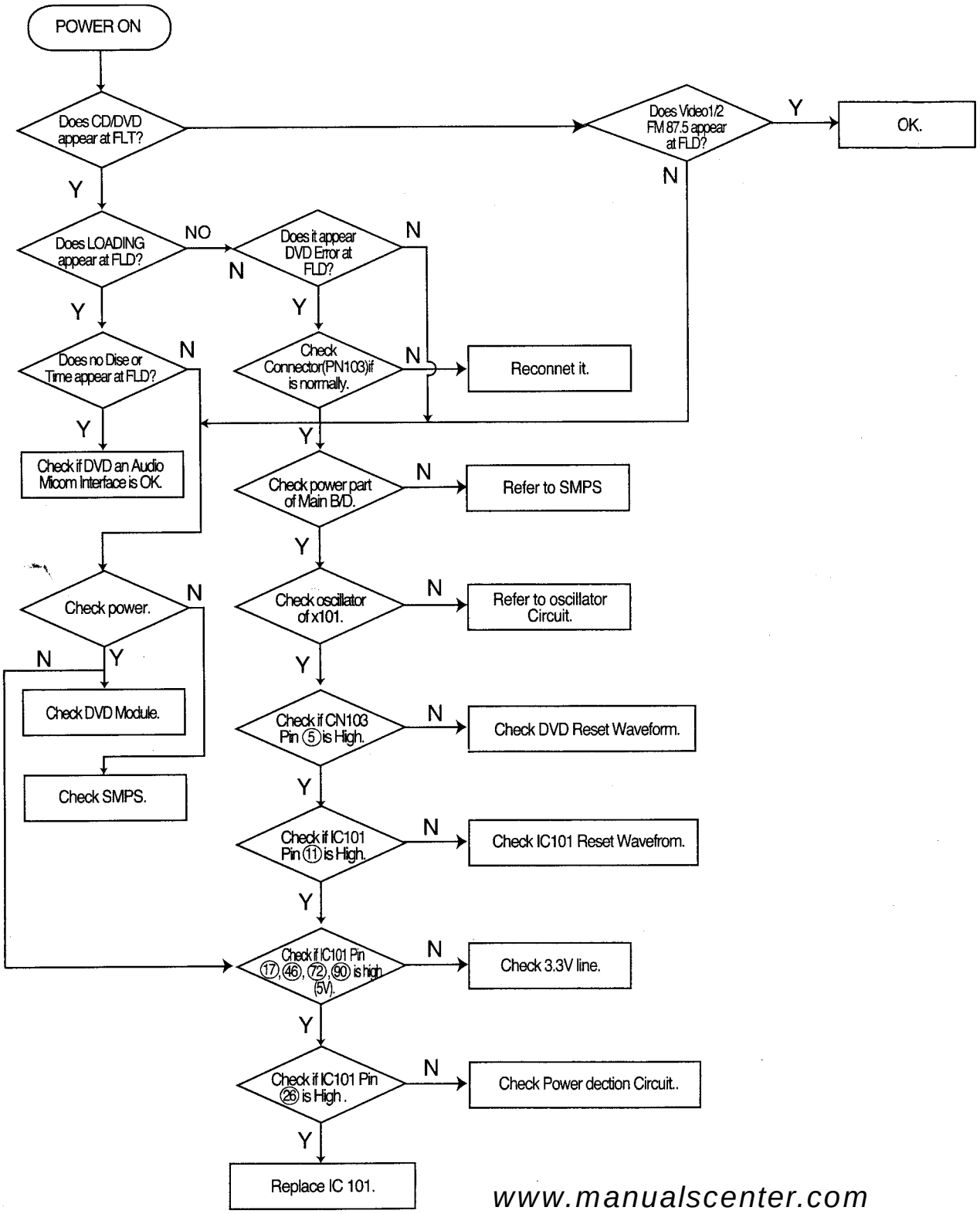
2. AUDIO μ. COM Circuit


POWER ON
Does CD/DVD appear at FLT?
Does Video1/2 FM 87.5 appear at FLD?
OK.
Does LOADING appear at FLD?
NO
Does it appear DVD Error at FLD?
Does no Dise or Time appear at FLD?
Check Connector(PN103)if is normally.
Reconnet it.
Check if DVD an Audio Micom Interface is OK.
Check power part of Main B/D.
Refer to SMPS
Check power.
Check oscillator of x101.
Refer to oscillator Circuit.
Check DVD Module.
Check if CN103 Pin ⑤ is High.
Check DVD Reset Waveform.
Check SMPS.
Check if IC101 Pin ⑪ is High.
Check IC101 Reset Wavefrom.
Check if IC101 Pin ⑰,㊻,㉒,㊿ is high (5V).
Check 3.3V line.
Check if IC101 Pin ㉖ is High.
Check Power dection Circuit..
Replace IC 101.

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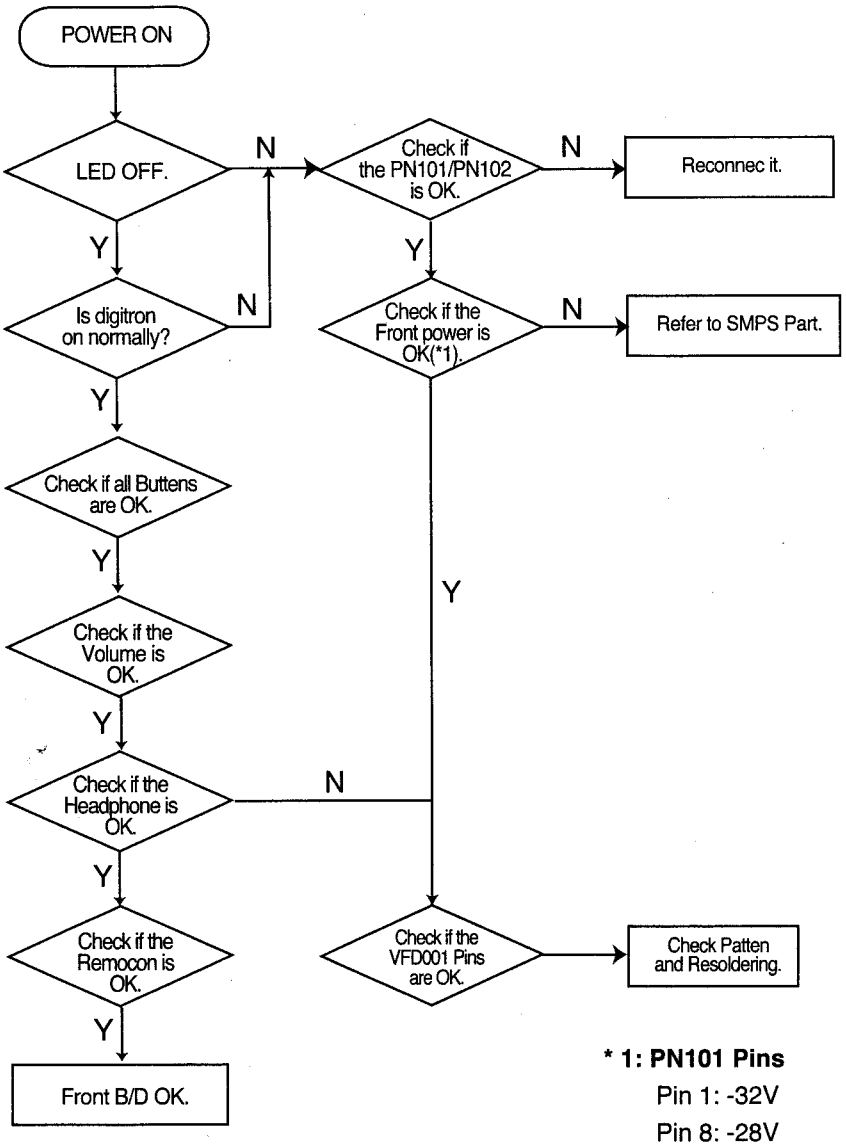
3. Front Circuit (1/2)



*** 1: PN101 Pins**

Pin 1: -32V

Pin 8: -28V

Pin 9: -32V

Pin 20: 12V

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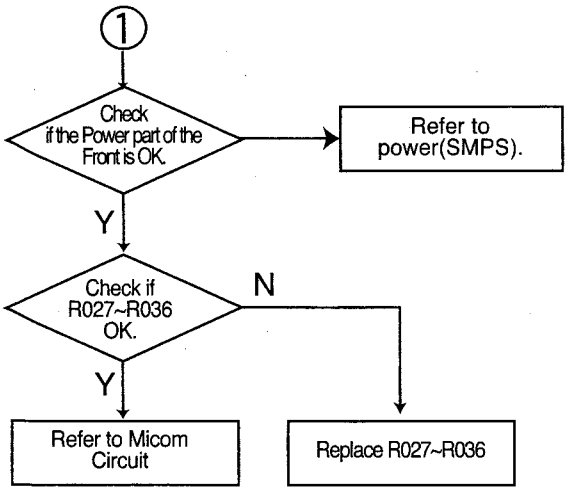
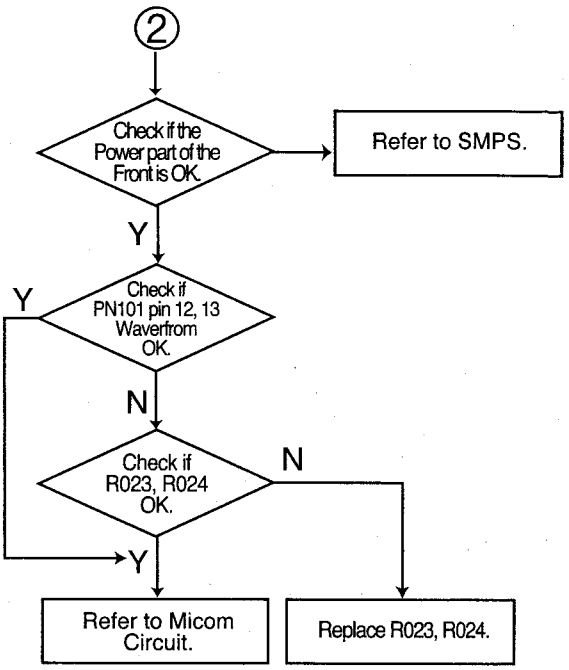
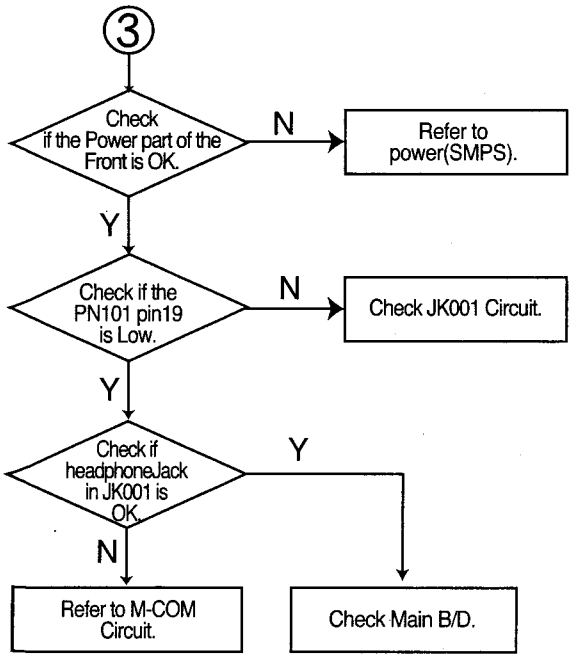
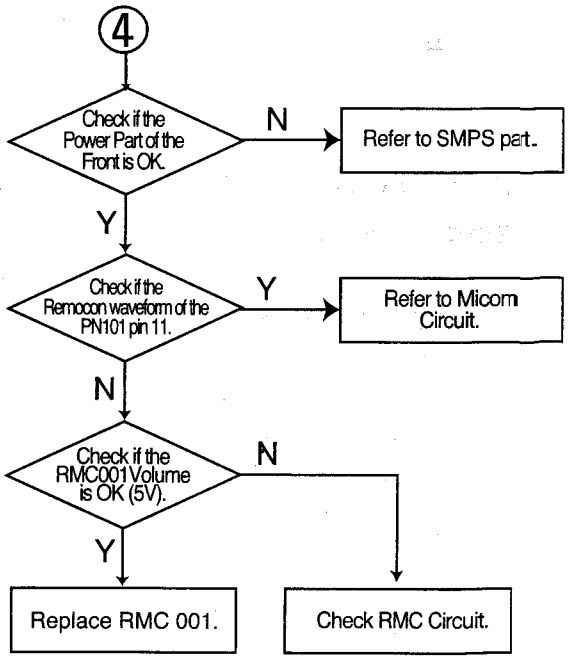
Front Circuit (2/2)









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DVD PLAYER PROGRAM DOWNLOAD METHOD

1. DVD player without CD-RW option

1-1) Download the DVD program from your PC as following procedure

ACTION	FLD display
• Plug the Power cord out	
• Connect the Fixture for download (Refer to Deck Mechanism Adjustment)	
• Execute the prgram for download(Flashrom.exe)	
• Open the DVD program file	
• Plug the Power cord in	
• Press the MENU Key on the Remote controller	FLASH
• Select Down icon with injector icon then start download from the P.C	
■ In status of download	
• Erased the Flash memory	FLASH ERA
• Written the Flash memory	FLASH XX(XX: Program counter)
• Verified the Flash memory	FLASH XX(XX: Program counter)
• Completed the download	FINISHED

■ If an error was occurred during download, do not unplug the Power cord, and retry the download form the P.C until it is completed.

2. DVD player with CD-RW option(for models using C-CUBE MPEG chip, marking on the IC is ZIVA)

2-1) Make the DVD program upgrade Disc as following procedure

*Recommended S/W: adaptec Easy CD Creater
*use file format: ISO9660

- Rename the souce file from the P.C to FIRMWARE.BIN
  (Ex, If Source file is lg_a3_korea.bin, rename to FIRMWARE.BIN)
- Format the CD-RW Disc as below Make the Folder name to UPGRSADE.DVD under root folder
  (Ex, ₩UPGRADE.DVD)
- Download the source file renamed to FIRMWARE.BIN in the folder
  (Ex, ₩UPGRADE.DVD ₩FIRMWARE.BIN)

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2-2) Insert the upgrade Disc into the DVD player slot, then the DVD player reads the Disc and upgrade the Firmware itself as followings

Status	FLD display on DVD player
• Detect the upgrade Disc	No display
• Read the Disc	Cd rEAD XX(XX: Program counter)
• Erased the Flash memory	FLASH ERA
• Written the Flash memory	FLASH XX(XX: Program counter)
• Verified the Flash memory	FLASH XX(XX: Program counter)
• Completed the upgrade	FINISHED

Note: After completed, plug the Power cord out and in again, and then press the Open key, then the Disc will be ejected.

Caution: While CD detecting and reading, if Open key or Power is pressed Then download procedure will be aborted.

3. DVD player with CD-RW option (for models using NS MPEG chip, marking on the IC is PANTERA)

3-1) Make the DVD program upgrade Disc as following procedure

*Recommended S/W: adaptec Easy CD Creater
*use file format: ISO9660

- Format the CD-RW Disc as below.
  Make the Folder name to "lg_dvd₩UPGRADE₩lg" under root folder
  (₩lg_dvd_firmware₩upgrade₩lg)
- Download the source file in the folder
  (Ex, If the source file is "lg_a3_korea.bin, "lg_dvd₩firmware₩upgrade₩lg₩lg_a3_korea.bin")

3-2) UPgrade the firmware for DVD player as followings

ACTION	FLD display on dvd player
• Insert the upgraded Disc into the DVD player solt then starts the detecting	Press Up
• Press the UP key on the Remote controller then starts the reading	READ 0(If error is occurred, displayed retry counter)
- Starts the upgrading	UPGRADE 0(If error is occurred, displayed retry counter)
- Completed the upgrading	FINISHED → checksum
- Opened the Tray Disc	("FINISHED → checksum" is displayed repeatedly at 2 second intervals)
• Plug the Power Cord out	

Note: In the status of FLD with "READ 0" or "UPGRADE 0"
If an error is occured, the read counter, "READ 0", shows retry counter or "ERROR num"
If the num has 0~2, retry the firmware upgrade procedure.
If the error is continued after retrying 5 times, replace the Flash ROM IC.

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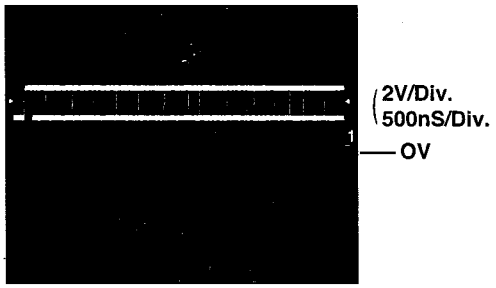
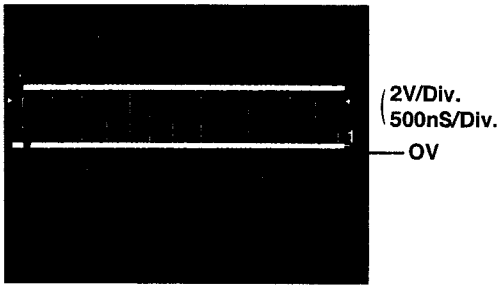
WAVEFORMS OF MAJOR CHECK POINT

1)



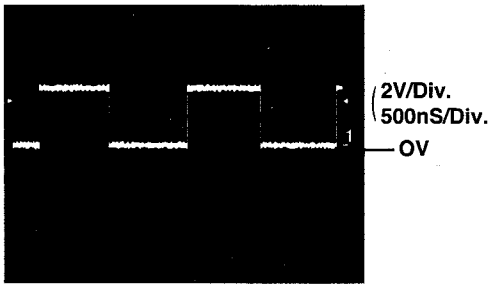
- IC 208 pin ⑤
- Serial data clock waveform during normal play.

2)



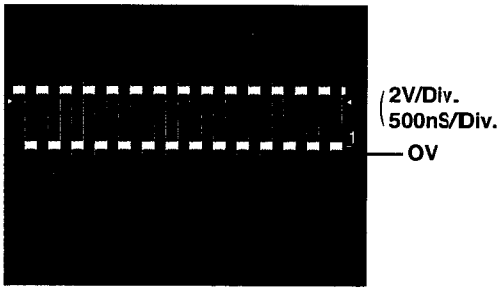
- IC 208 pin ⑦
- Serial data output wavefrom during normal play.

3)



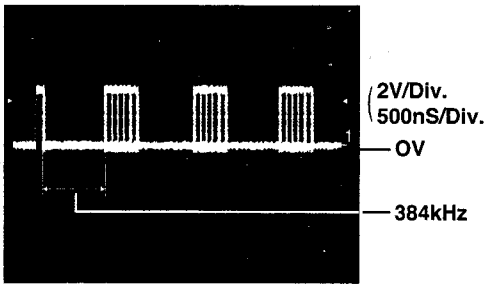
- IC 201 pin ㊷
- L/R clock data input wavefrom during normal operation.

4)



- IC 201 pin ㊸
- Bit clock data input waveform during normal operation.

5)



- IC 301 pin ㊸, ㊹, ㊻, ㊼, ㊿, ㊶, ㊸, ㊹, ㊼, ㊽, ㊿, ㊶.
- PWM data output wavefrom during normal operation.

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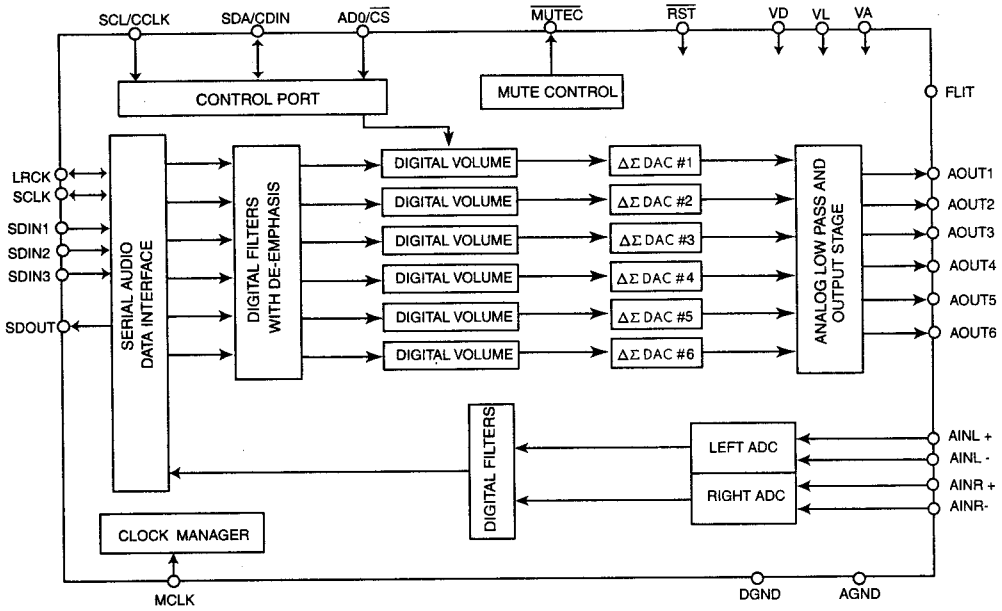
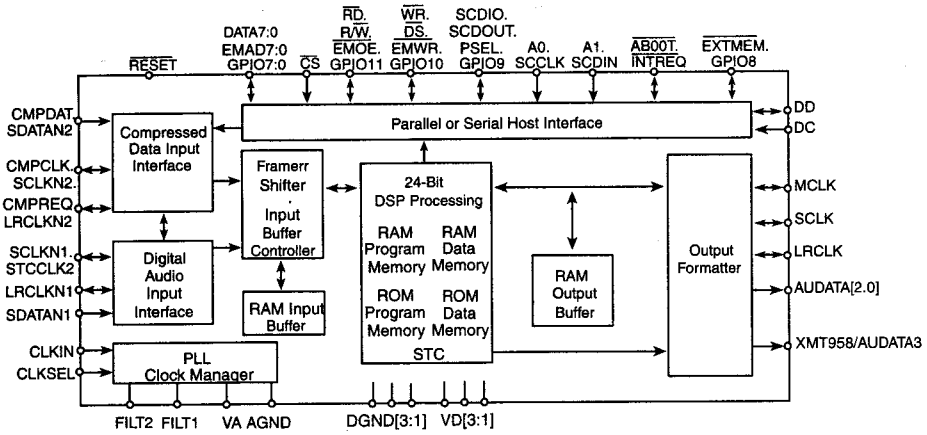
INTERNAL BLOCK DIAGRAM OF ICs

■ CS4228



■ CS49300



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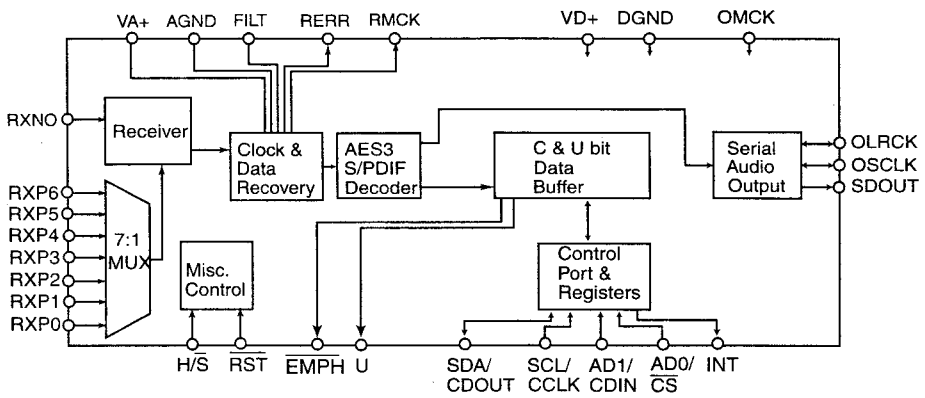
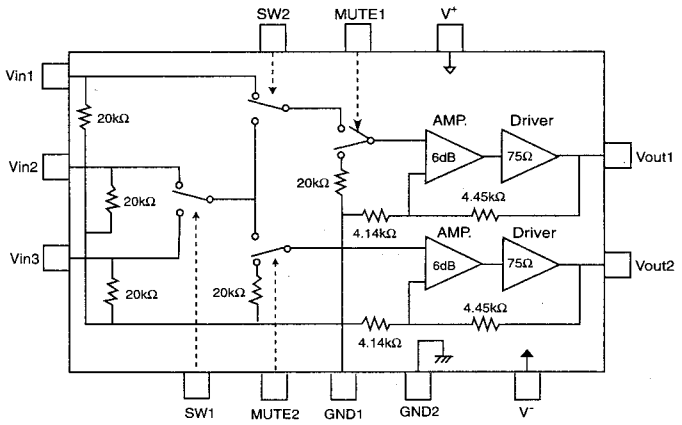
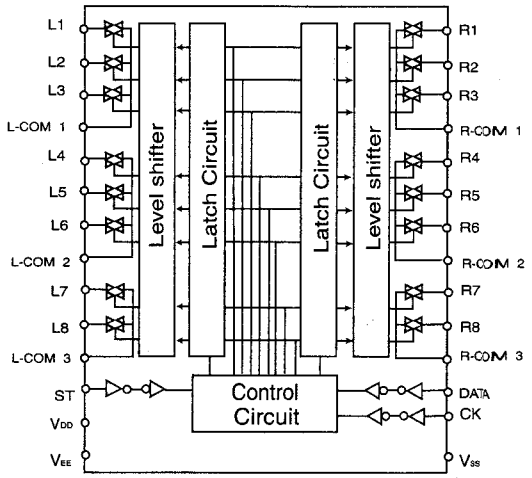
■ CS8415A



■ NJM2279



■ NJU7312A



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IC VOLTAGE SHEET

■ STA505 (IC710, IC730, IC750, IC770)

PIN No.	Volt(V)
1	
2	
3	
4	32
5	
6	
7	32
8	
9	
10	
11	
12	32
13	
14	
15	32
16	
17	
18	
19	
20	
21	
22	
23	3.3
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	

■ NJM 2279 (IC102)

PIN No.	Volt(V)
1	0
2	2
3	0
4	5
5	1.3
6	0
7	0
8	5
9	0
10	1.3
11	0
12	1.4
13	5
14	-5

■ CS8415 (IC206)

PIN No.	Volt(V)	PIN No.	Volt(V)
1	2.8	15	0
2	2.9	16	1.6
3	3.2	17	1.6
4	2.8	18	0
5	2.8	19	3
6	5	20	0
7	0	21	0
8	2.2	22	3
9	1.6	23	0
10	1.6	24	0
11	0	25	0
12	0	26	3
13	0	27	0
14	0	28	

■ PS9702B (IC301)

PIN No.	Volt(V)	PIN No.	Volt(V)	PIN No.	Volt(V)	PIN No.	Volt(V)
1	0	26	0	51	3.21	76	2.92
2	0	27	0	52	0	77	3.21
3	3.21	28	0	53	1.6	78	0
4	4.78	29	0	54	1.6	79	3.28
5		30		55	0	80	0
6	2.95	31	0	56	1.6	81	3.21
7	1.67	32	3.21	57	1.6	82	3.21
8	0	33	0	58	3.21	83	0
9	0	34	0	59	0	84	3.21
10	0	35	0	60	1.6	85	0
11	0	36	0	61	1.6	86	1.67
12	0	37	0	62	0	87	0
13	0	38	1.62	63	1.6	88	0
14	0	39	0	64	1.6	89	0
15	3.21	40	3.21	65	3.21	90	3.21
16	0	41	0	66	0	91	0
17	0	42	0	67	1.6	92	4.77
18	0	43	0	68	1.6	93	0
19	0	44	0	69	0	94	0
20	0	45	0	70	1.6	95	0
21	0	46	3.21	71	1.6	96	0
22	1.6	47	0	72	3.21	97	0
23	1.64	48	0	73	0	98	0
24	3.21	49	0	74	0	99	3.21
25	0	50	0	75	0	100	0

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■ LC87F67 (IC101)

PIN No.	Volt(V)	PIN No.	Volt(V)	PIN No.	Volt(V)	PIN No.	Volt(V)
1	0	26	2.45	51	-1	76	-3.25
2	0	27	1.02	52	-1	77	-3.25
3	0	28	1.63	53	0	78	-3.25
4	0	29	4.96	54	-17.71	79	-3.25
5	5.19	30	-1	55	-1	80	4.97
6	0	31	-1	56	-1	81	1.27
7	0	32	-1	57	-1	82	2
8	0	33	-1	58	-1	83	4.98
9	3.23	34	-1	59	-14.91	84	4.98
10	1.21	35	-1	60	1.31	85	4.79
11	4.9	36	-1	61	-3.23	86	1.83
12	0	37	-1	62	-3.23	87	0
13	4.85	38	-1	63	-3.23	88	4.79
14	0	39	-1	64	-3.23	89	0
15	2.4	40	-1	65	4.99	90	4.86
16	2.52	41	-1	66	4.93	91	4.86
17	4.98	42	-1	67	4.93	92	4.33
18	0	43	-1	68	0	93	4.99
19	0	44	-14.91	69	4.97	94	4.99
20	0	45	-1	70	4.97	95	4.86
21	3.58	46	5.4	71	0	96	4.79
22	3.59	47	-1	72	5.08	97	4.79
23	3.59	48	-1	73	0	98	0
24	3.59	49	-1	74	-3.94	99	1.79
25	0.9	50	-1	75	0	100	3.19

■ NJU7312AM(IC501)

PIN No.	Volt(V)	PIN No.	Volt(V)
1	-12	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13		28	0
14		29	0
15		30	12

■ CS49326(IC201)

PIN No.	Volt(V)	PIN No.	Volt(V)
1	2..4	23	2.5
2	0	24	
3	0	25	1.6
4	0	26	1.6
5		27	1
6	2.9	28	1.6
7	0	29	1.6
8	2.4	30	1
9	2.4	31	0
10	2.4	32	2
11	2.4	33	1.3
12	2.5	34	2.5
13	0	35	0
14	2.4	36	3.2
15	2.4	37	2.5
16	2.4	38	2.5
17	2.4	39	0
18	3.2	40	0
19	1.7	41	0
20	2.4	42	1.6
21	2.4	43	1.6
22	0	44	1.6

■ CS4228 (IC205)

PIN No.	Volt(V)	PIN No.	Volt(V)
1	0	16	2.5
2	0	17	2.2
3	0	18	3.5
4	1.5	19	2.2
5	1.5	20	2.2
6	1.5	21	5
7		22	
8	3.2	23	2.3
9	2.5	24	2.3
10	1.6	25	2.3
11	0	26	2.3
12	2.9	27	2.3
13	3.2	28	2.3
14	3.2	29	2.3

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■ IC910

PIN No.	Volt(V)
1	
2	
3	-12

■ IC921

PIN No.	Volt(V)
1	
2	12
3	

■ PN901, CN901

PIN No.	Volt(V)
1	-30
2	-25
3	-37
4	-37
5	-37
6	5.1
7	
8	
9	
10	

■ PN902, CN902

PIN No.	Volt(V)
1	27.6
2	27.6
3	27.6
4	16.9
5	5.8
6	5.8
7	0
8	
9	
10	5.8

■ IC911

PIN No.	Volt(V)
1	
2	
3	-5

■ IC922

PIN No.	Volt(V)
1	
2	8.1
3	

■ IC926

PIN No.	Volt(V)
1	
2	3.3
3	

■ IC923

PIN No.	Volt(V)
1	
2	5
3	

■ IC924

PIN No.	Volt(V)
1	
2	3.3
3	

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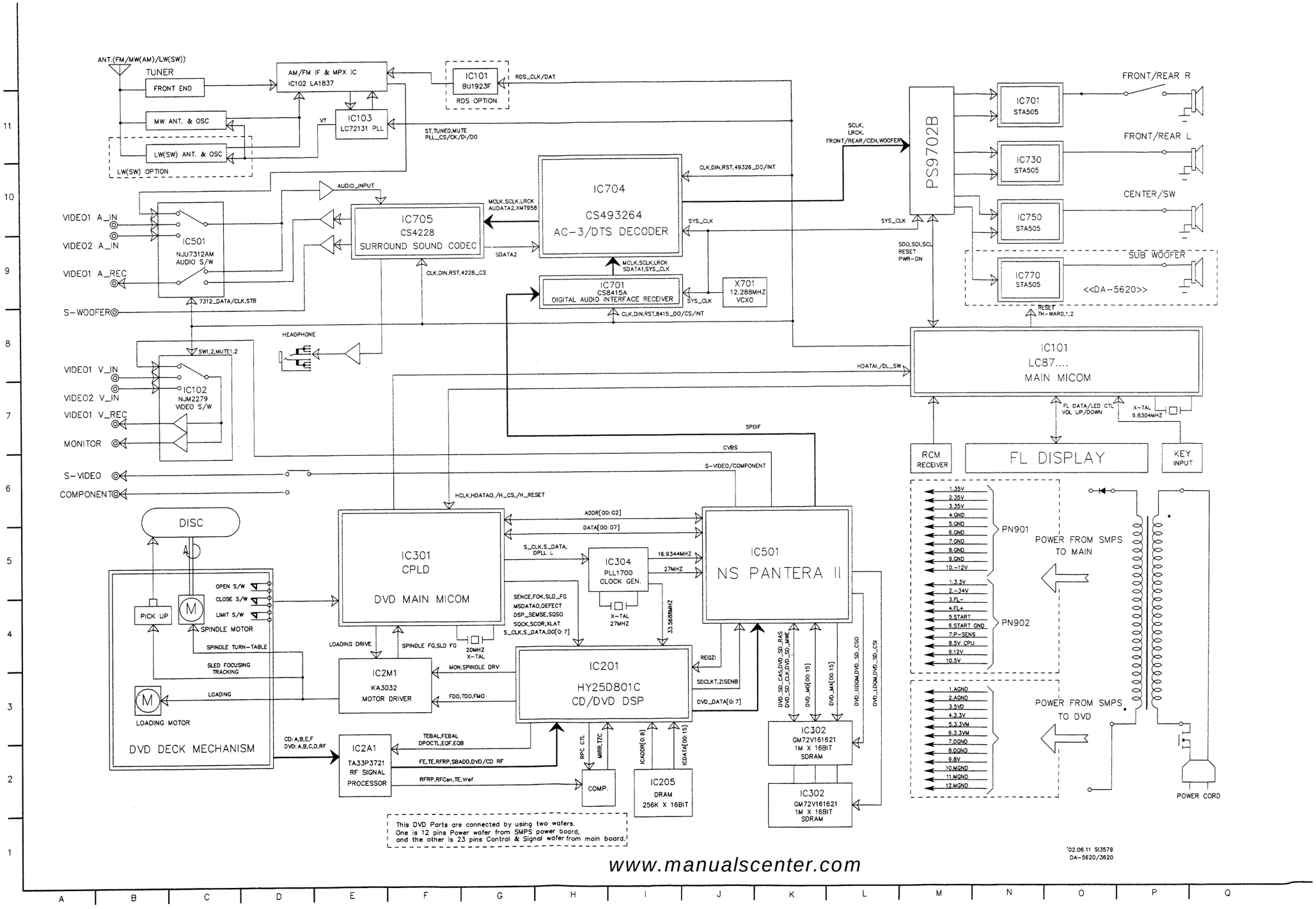
BLOCK DIAGRAM



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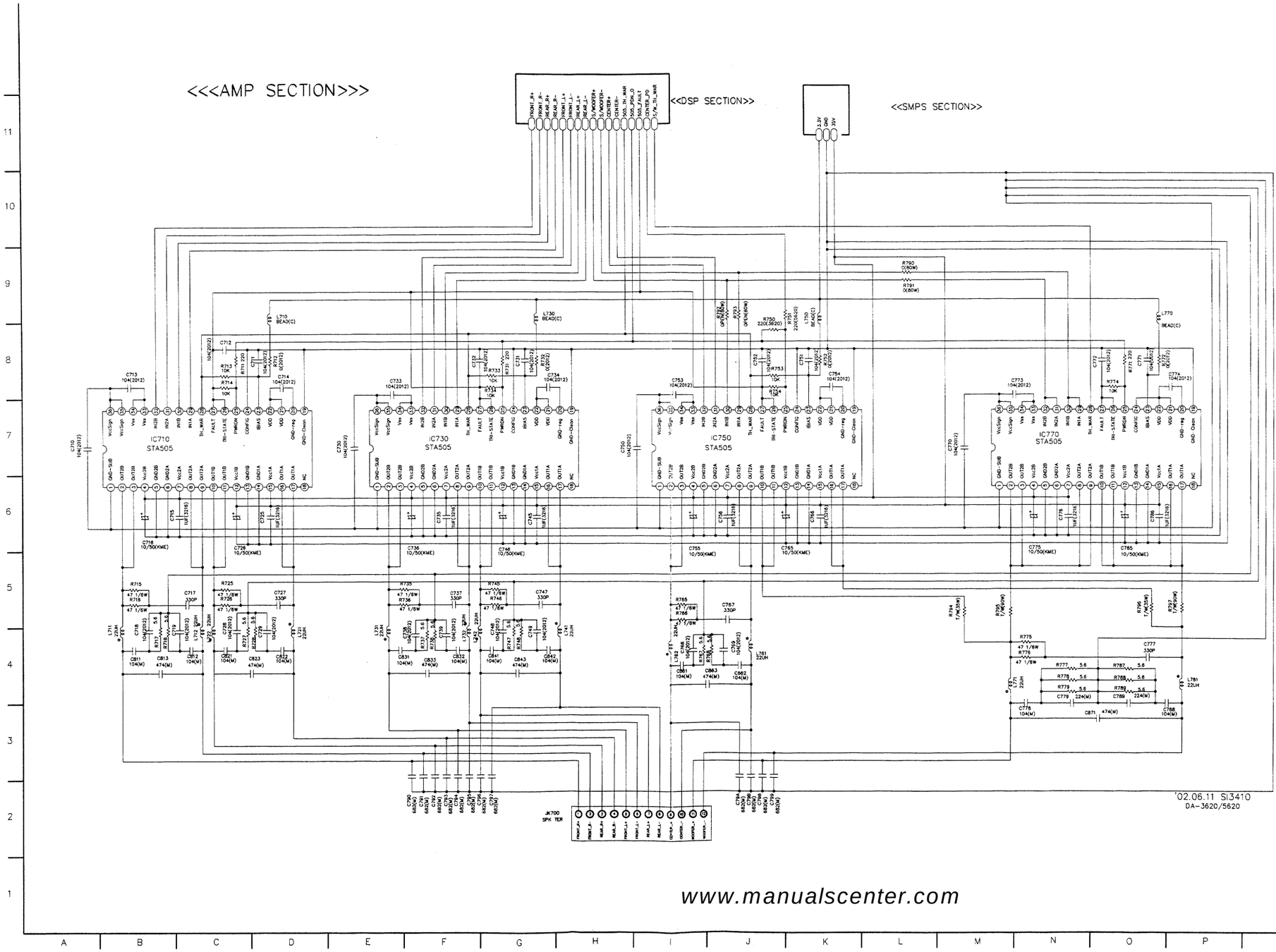
SHEMATIC DIAGRAMS

• AMP SCHEMATIC DIAGRAM



LOCATION GUIDE

C710	A7	C842	G4
C711	B8	C843	G4
C712	C8	C861	I4
C713	B8	C862	J4
C714	D8	C863	I4
C715	B6	C871	N3
C716	B6	GND	K11
C717	C5	IC710	B7
C718	B4	IC730	F7
C719	B4	IC750	J7
C725	D6	IC770	N7
C726	C6	JK700	G2
C727	D5	L710	D9
C728	C4	L711	B4
C729	D4	L712	C4
C730	E7	L721	D4
C731	G8	L722	C4
C732	F8	L730	G9
C733	E8	L731	E4
C734	G8	L732	F4
C735	F6	L741	H4
C736	F6	L742	F4
C737	F5	L750	K8
C738	F4	L761	J4
C739	F4	L762	I4
C745	G6	L770	O9
C746	G6	L771	N4
C747	G5	L781	P4
C748	G4	R711	C8
C749	G4	R712	D8
C750	H7	R713	C8
C751	K8	R714	C8
C752	J8	R715	B5
C753	I8	R716	B5
C754	K8	R717	B4
C755	I6	R718	B4
C756	J6	R725	C5
C765	J6	R726	C5
C766	K6	R727	C4
C767	J5	R728	D4
C768	I4	R731	G8
C769	J4	R732	G8
C770	M7	R733	G8
C771	O8	R734	G8
C772	O8	R735	E5
C773	M8	R736	E5
C774	P8	R737	F4
C775	N6	R738	F4
C776	N6	R745	G5
C777	O4	R746	G5
C778	N3	R747	G4
C779	N4	R748	G4
C785	O6	R750	J9
C786	O5	R751	K8
C788	O3	R752	K8
C789	O4	R753	J8
C790	F2	R754	J8
C791	F2	R765	I5
C792	F2	R766	I5
C793	F2	R767	I4
C794	F2	R768	J4
C795	F2	R771	O8
C796	G2	R772	O8
C797	G2	R774	O8
C798	J2	R775	N4
C799	J2	R776	N4
C79A	J2	R777	N4
C79B	J2	R778	N4
C811	B4	R779	N4
C812	C4	R787	O4
C813	B4	R788	O4
C821	C4	R789	O4
C822	D4	R790	L9
C823	C4	R791	L9
C831	E4	R792	J9
C832	F4	R793	J9
C833	F4	R794	M5
C841	G4	R795	M5
R797	P5	R796	O5

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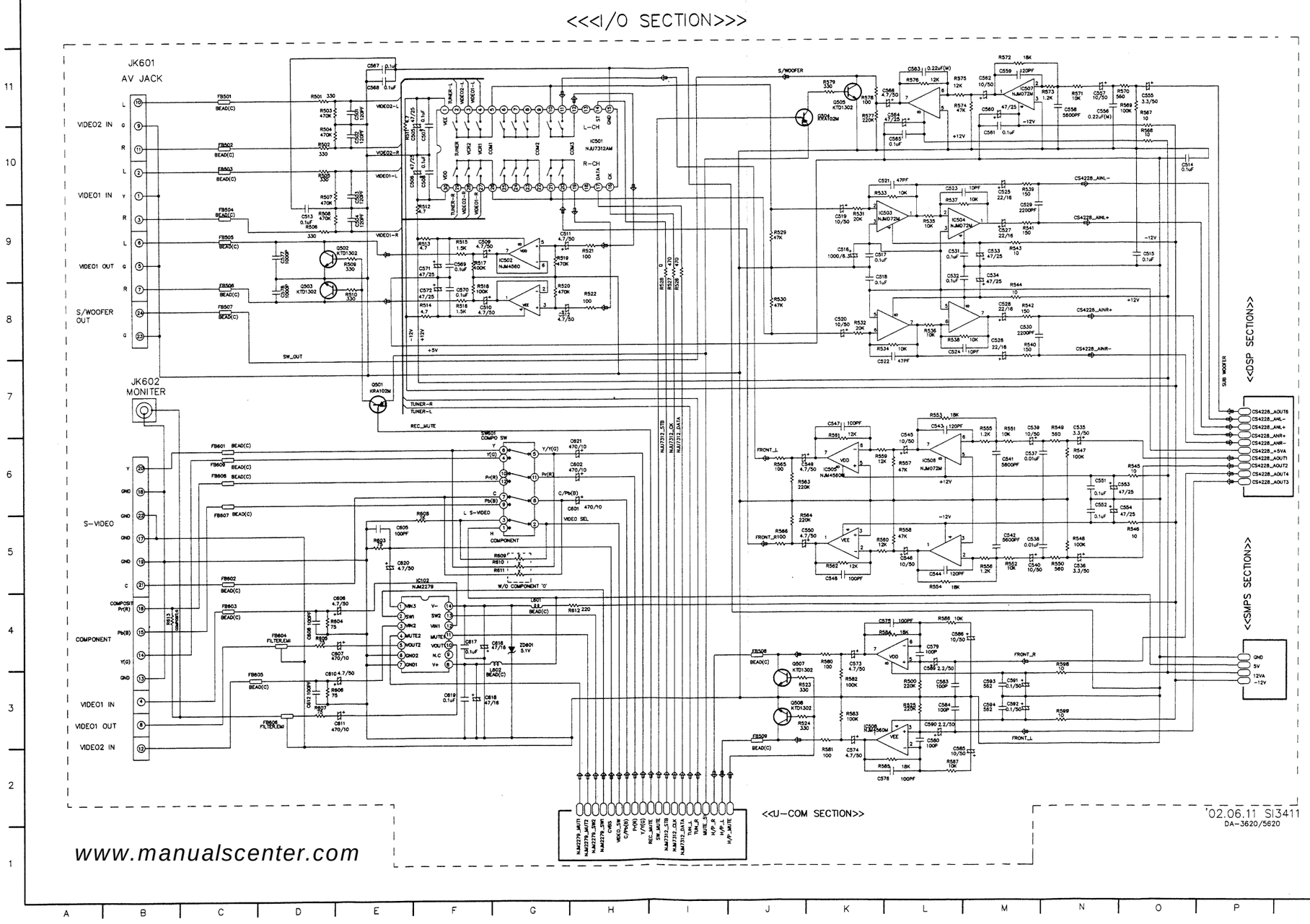
• I/O SCHEMATIC DIAGRAM



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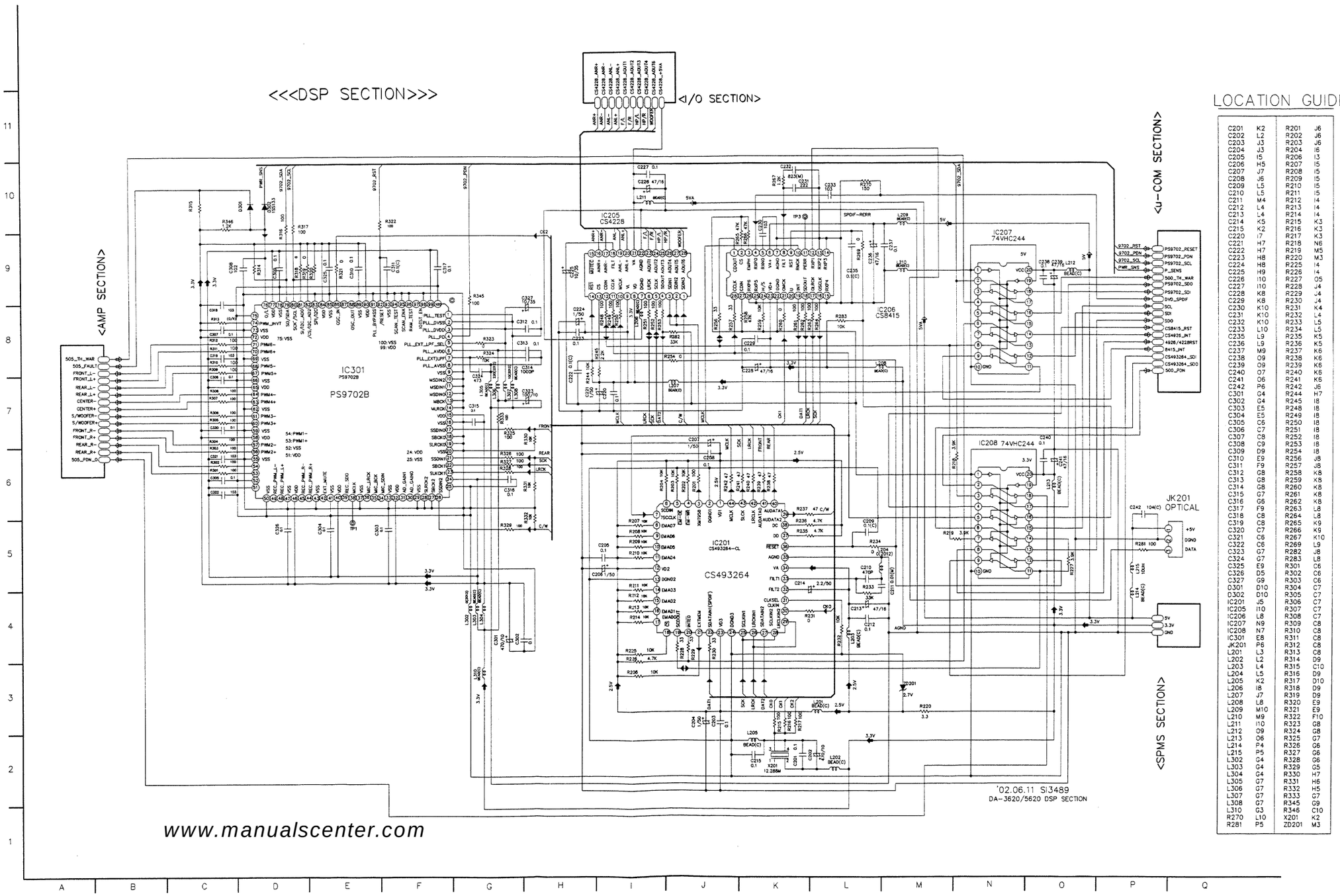
LOCATION GUIDE

C501	E11	FB502	C10	R570	O11
C502	E10	FB503	C10	R571	N11
C503	E9	FB504	C9	R572	M11
C504	E9	FB505	C9	R573	N11
C505	F10	FB506	C8	R574	L11
C506	F10	FB507	C8	R575	L11
C507	F10	FB508	J4	R576	L11
C508	F10	FB509	J3	R577	K11
C509	F9	FB601	C6	R578	K11
C510	F8	FB602	C5	R579	K11
C511	G9	FB603	C4	R580	K4
C512	G8	FB604	D4	R581	K2
C513	D9	FB605	C3	R582	K3
C514	O10	FB606	D3	R583	K3
C515	O9	FB607	C5	R584	K4
C516	K9	FB608	C6	R585	K2
C517	K9	RB6029	E5	R586	L4
C518	K8	IC501	H10	R587	L2
C519	K9	IC502	G9	R598	N3
C520	K8	IC503	L9	R599	N3
C521	L10	IC504	L9	R603	E5
C522	K7	IC505	K6	R604	D4
C523	L10	IC506	L6	R605	D4
C524	L8	IC507	M11	R606	E3
C525	M10	IC508	K3	R607	D3
C526	M8	JK601	B11	R608	F5
C527	M9	JK602	B7	R609	G5
C528	M8	L601	G4	R610	G5
C529	M9	L602	G3	R611	G5
C530	M8	Q501	E7	R612	H4
C531	L9	Q502	E9	R613	B4
C532	L8	Q503	D8	SW601	F7
C533	M9	Q504	K11	ZD601	G4
C534	M8	Q505	K11		
C535	N7	Q507	J4		
C536	N6	Q508	J3		
C537	M6	R500	L3		
C538	M5	R501	D11		
C539	M7	R502	D10		
C540	M5	R503	D11		
C541	M6	R504	D10		
C542	M5	R505	D10		
C543	L7	R506	D9		
C544	L5	R507	D10		
C545	L6	R508	D9		
C546	L5	R509	E9		
C547	K7	R510	E8		
C548	K5	R511	F10		
C549	K6	R512	F9		
C550	K5	R513	F9		
C551	N6	R514	F8		
C552	N6	R515	F9		
C553	O6	R516	F8		
C554	O6	R517	F9		
C555	O11	R518	F8		
C556	N11	R519	G9		
C557	N11	R520	G8		
C558	N11	R521	H9		
C559	M11	R522	H8		
C560	M11	R523	J3		
C561	M10	R524	J3		
C562	M11	R525	L3		
C563	L11	R526	I8		
C564	L11	R527	I8		
C565	L10	R528	I8		
C566	L11	R529	J9		
C567	E11	R530	J8		
C568	E11	R531	K9		
C569	F9	R532	K8		
C570	F8	R533	K10		
C571	F9	R534	K8		
C572	F8	R535	L9		
C573	K4	R536	L8		
C574	K2	R537	L9		
C575	K4	R538	L8		
C576	K2	R539	M10		
C577	D9	R540	M8		
C578	D8	R541	M9		
C579	L4	R542	M8		
C580	L3	R543	M9		
C583	L3	R544	M8		
C584	L3	R545	O6		
C585	L2	R546	O5		
C586	L4	R547	N6		
C589	L3	R548	N5		
C590	L3	R549	N7		
C591	M3	R550	N5		
C592	M3	R551	M7		
C593	M3	R552	M5		
C594	M3	R553	L7		
C601	H6	R554	L4		
C602	H6	R555	M7		
C605	E5	R556	M5		
C606	E4	R557	L6		
C607	E4	R558	L5		
C608	D4	R559	K6		
C610	D3	R560	K5		
C611	E3	R561	K6		
C612	D3	R562	K5		
C616	G4	R563	J6		
C617	F4	R564	J5		
C618	F3	R565	J6		
C619	F3	R566	J5		
C620	E5	R567	O11		
C621	H6	R568	O10		
FB501	C11	R569	O11		

• DSP(DIGITAL AUDIO PROCESSING) SCHEMATIC DIAGRAM



LOCATION GUIDE

C201	K2	R201	J6
C202	L2	R202	J6
C203	J3	R203	J6
C204	J3	R204	I6
C205	I5	R206	I3
C206	H5	R207	I5
C207	J7	R208	I5
C208	J6	R209	I5
C209	L5	R210	I5
C210	L5	R211	I5
C211	M4	R212	I4
C212	L4	R213	I4
C213	L4	R214	I4
C214	K5	R215	K3
C215	K2	R216	K3
C220	I7	R217	K3
C221	H7	R218	N6
C222	H7	R219	M5
C223	H8	R220	M3
C224	H8	R225	I4
C225	H9	R226	I4
C226	I10	R227	O5
C227	I10	R228	J4
C228	K8	R229	J4
C229	K8	R230	J4
C230	K10	R231	K4
C231	K10	R232	L4
C232	K10	R233	L5
C233	L10	R234	L5
C235	L9	R235	K5
C236	L9	R236	K5
C237	M9	R237	K6
C238	O9	R238	K6
C239	O9	R239	K6
C240	O7	R240	K6
C241	O6	R241	K6
C242	P6	R242	J6
C301	G4	R244	H7
C302	G4	R245	I8
C303	E5	R248	I8
C304	E5	R249	I8
C305	C6	R250	I8
C306	C7	R251	I8
C307	C8	R252	I8
C308	C9	R253	I8
C309	D9	R254	I8
C310	E9	R256	J8
C311	F9	R257	J8
C312	G8	R258	K8
C313	G8	R259	K8
C314	G8	R260	K8
C315	G7	R261	K8
C316	G6	R262	K8
C317	F9	R263	L8
C318	C8	R264	L8
C319	C8	R265	K9
C320	C7	R266	K9
C321	C6	R267	K10
C322	C6	R269	L9
C323	G7	R282	J8
C324	G7	R283	L8
C325	E9	R301	C6
C326	D5	R302	C6
C327	G9	R303	C6
D301	D10	R304	C7
D302	D10	R305	C7
IC201	J5	R306	C7
IC205	I10	R307	C7
IC206	L8	R308	C7
IC207	N9	R309	C8
IC208	N7	R310	C8
IC301	E8	R311	C8
JK201	P6	R312	C8
L201	L3	R313	C8
L202	L2	R314	D9
L203	L4	R315	C10
L204	L5	R316	D9
L205	K2	R317	D10
L206	I8	R318	D9
L207	J7	R319	D9
L208	L8	R320	E9
L209	M10	R321	E9
L210	M9	R322	F10
L211	I10	R323	G8
L212	O9	R324	G8
L213	O6	R325	G7
L214	P4	R326	G6
L215	P5	R327	G6
L302	G4	R328	G6
L303	G4	R329	G5
L304	G4	R330	H7
L305	G7	R331	H6
L306	G7	R332	H5
L307	G7	R333	G7
L308	G7	R345	G9
L310	G3	R346	C10
R270	L10	X201	K2
R281	P5	ZD201	M3

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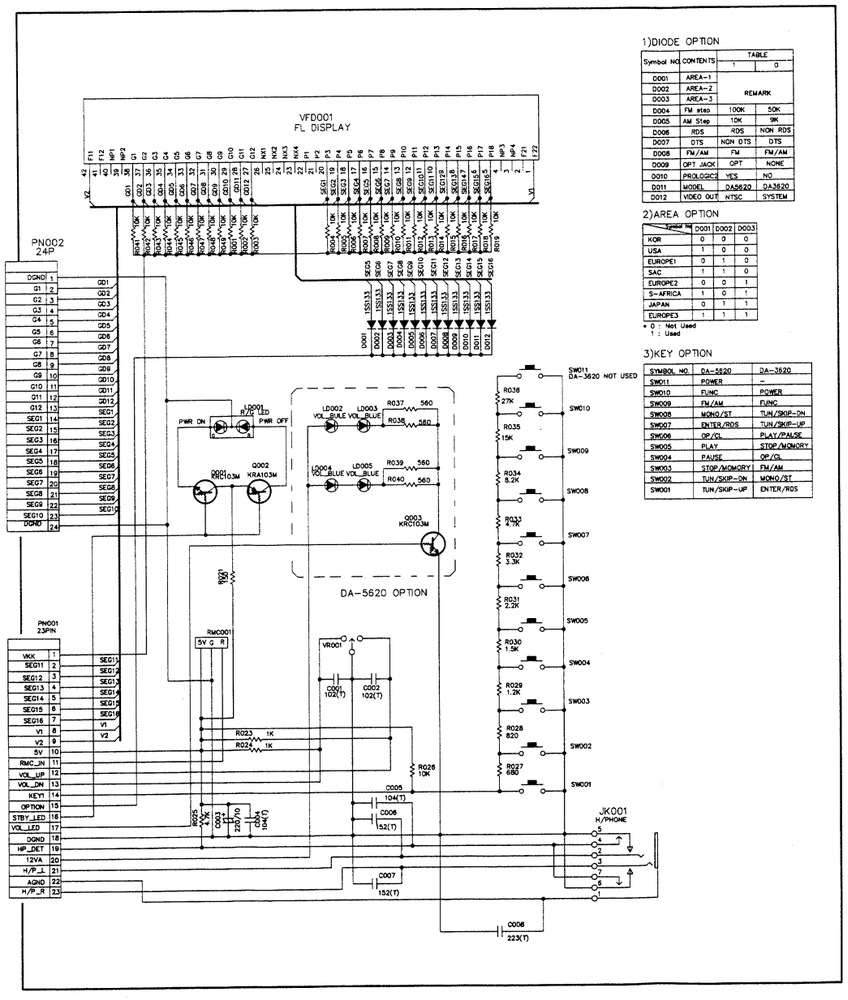
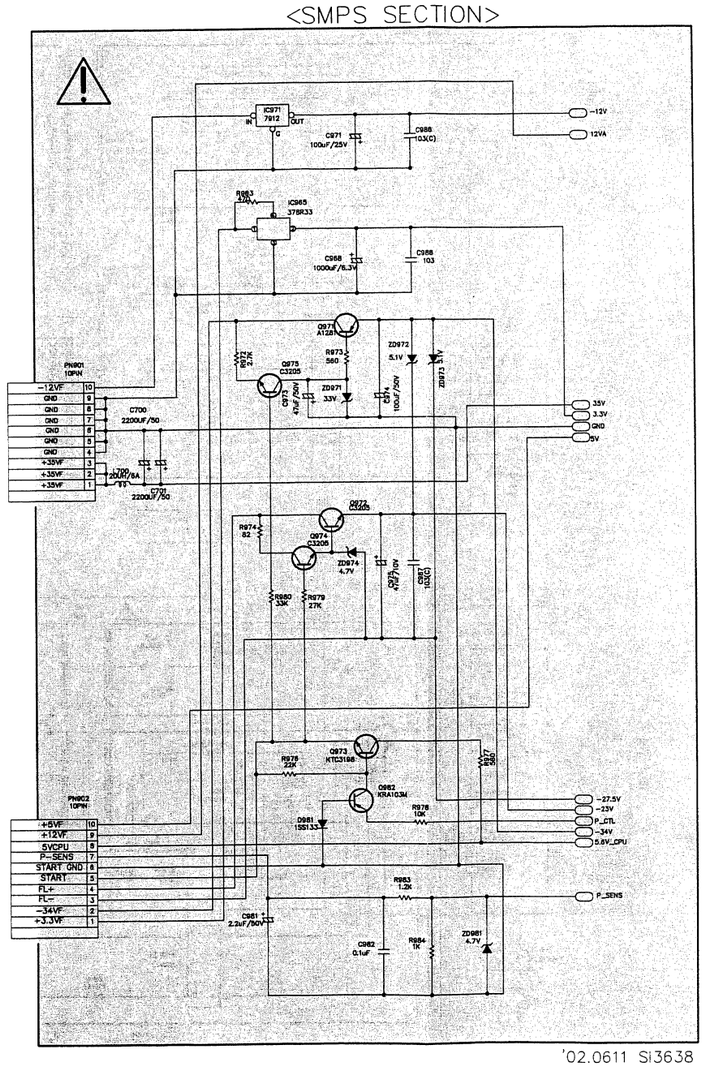
• FRONT & POWER SCHEMATIC DIAGRAM

<<FRONT ASSY>>



NOTE: Warning
⚠ Parts that are shaded are critical With respect to risk of fire or electrical shock.

<SMPS SECTION>



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DA-3620/5620 FRONT/PWR SECTION

LOCATION GUIDE

C001	E5	R028	F4
C002	E5	R029	F5
C003	D3	R030	F5
C004	D3	R031	F5
C005	E4	R032	F6
C006	E3	R033	F6
C007	E3	R034	F7
C008	F2	R035	F7
C700	K8	R036	F7
C701	K7	R037	E7
C968	M9	R038	E7
C971	M10	R039	E7
C973	L8	R040	E7
C974	M8	R041	C9
C975	M6	R042	C9
C981	L3	R043	C9
C982	M3	R044	C9
C986	N10	R045	C9
C987	N6	R046	C9
C988	N9	R047	D9
D001	E8	R048	D9
D002	E8	R049	D9
D003	E8	R963	L10
D004	E8	R972	L8
D005	E8	R973	M8
D006	F8	R974	L7
D007	F8	R976	L5
D008	F8	R977	N5
D009	F8	R978	N4
D010	F8	R979	M6
D011	F8	R980	L6
D012	F8	R983	M3
D981	M4	R984	N3
GD1	C8	RMC001	D5
GD1	C9	SEG1	C7
GD10	C8	SEG1	E9
GD10	D9	SEG10	C6
GD11	C7	SEG10	F9
GD11	D9	SEG10	F8
GD12	C7	SEG11	C5
GD12	D9	SEG11	F9
GD2	C8	SEG11	F8
GD2	C9	SEG12	C5
GD3	C8	SEG12	F9
GD3	C9	SEG12	F8
GD4	C8	SEG13	C5
GD4	C9	SEG13	F9
GD5	C8	SEG13	F8
GD5	C9	SEG14	C5
GD6	C8	SEG14	F9
GD6	C9	SEG14	F8
GD7	C8	SEG15	C5
GD7	C9	SEG15	F9
GD8	C8	SEG15	F8
GD8	D9	SEG16	C4
GD9	C8	SEG16	F9
GD9	D9	SEG16	F8
GND	D8	SEG2	C7
IC965	L10	SEG2	E9
IC971	L11	SEG3	C7
JK001	G3	SEG3	E9
L700	K7	SEG4	C7
LD001	D7	SEG4	E9
LD002	E7	SEG5	C7
LD003	E7	SEG5	E9
LD004	D7	SEG5	E8
LD005	E7	SEG6	C7
PN001	B5	SEG6	E9
PN002	B9	SEG6	E8
PN901	J8	SEG7	C7
PN902	J4	SEG7	E9
P_CTL	O4	SEG7	E8
P_SENS	O3	SEG8	C7
Q001	D7	SEG8	E9
Q002	D7	SEG8	E8
Q003	E6	SEG9	C6
Q971	M9	SEG9	E9
Q972	M7	SEG9	E8
Q973	M5	SW001	G4
Q974	M7	SW002	G4
Q975	L8	SW003	G5
Q982	M4	SW004	G5
R001	D9	SW005	G5
R002	D9	SW006	G6
R003	D9	SW007	G6
R004	E9	SW008	G6
R005	E9	SW009	G7
R006	E9	SW010	G7
R007	E9	SW011	C8
R008	E9	V1	C4
R009	E9	V1	G9
R010	E9	V2	C4
R011	E9	V2	B9
R012	F9	VFD001	D10
R013	F9	VR001	E5
R014	F9	ZD971	M8
R015	F9	ZD972	M8
R016	F9	ZD973	N8
R017	F9	ZD974	M6
R018	F9	ZD981	N3
R019	F9		
R021	D6		
R023	D4		
R024	D4		
R025	O3		
R026	E4		
R027	F4		

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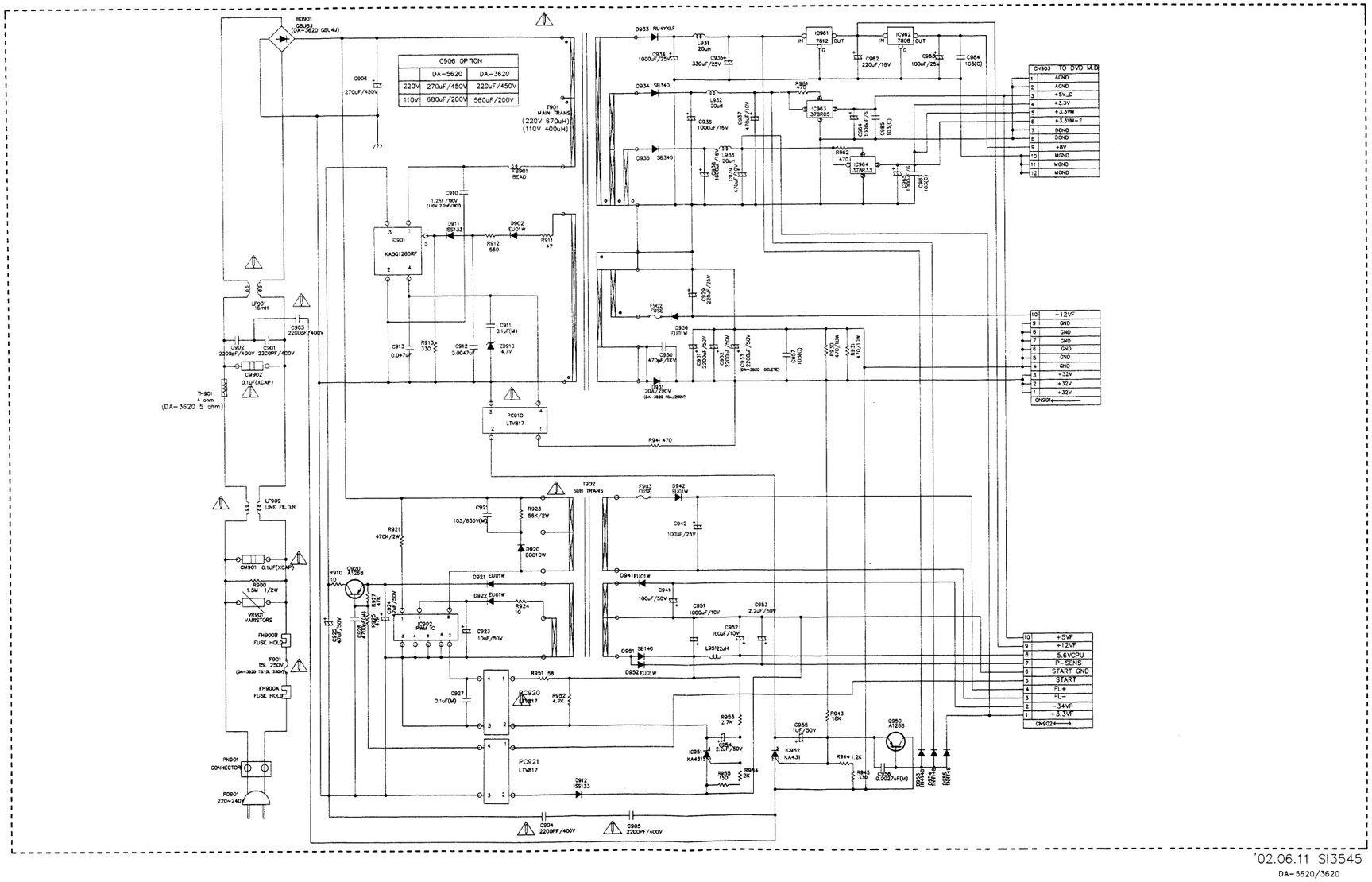
• SMPS SCHEMATIC DIAGRAM

NOTE: Warning
⚠ Parts that are shaded are critical With respect to risk of fire or electrical shock.



LOCATION GUIDE

BD901	D11	D942	I6
C901	D8	D951	H4
C902	D8	D952	H4
C903	D8	D953	L2
C904	G2	D954	L2
C905	H2	D955	L2
C906	E11	F901	D4
C910	F9	F902	I8
C911	G8	F903	H6
C912	F8	FB901	G10
C913	F8	FH900A	D4
C921	G6	FH900B	D4
C923	G4	IC901	F9
C924	F5	IC902	F4
C925	E4	IC951	I3
C926	E4	IC952	J3
C927	F4	IC961	K11
C929	I8	IC962	K11
C930	I7	IC963	J10
C931	I7	IC964	K10
C932	I7	L931	I11
C933	J7	L932	I10
C934	I11	L933	I10
C935	I11	L951	I4
C936	I10	LF901	D8
C937	J10	LF902	D6
C938	I10	PC910	G7
C939	J10	PC920	G4
C941	I5	PC921	G3
C942	I6	PD901	D2
C951	I5	PN901	D3
C952	I4	Q920	E5
C953	J5	Q950	K3
C954	J3	R900	D5
C955	J3	R910	E5
C956	K3	R911	G9
C957	J7	R912	G9
C962	K11	R913	F8
C963	L11	R921	E5
C964	K10	R923	G6
C965	L9	R924	G5
C983	L9	R925	E4
C984	L11	R927	E5
C985	K10	R930	K7
CM901	D5	R931	K7
CM902	D7	R941	I6
CN901	M7	R943	K3
CN902	M3	R944	K3
CN903	M11	R945	K3
D902	G9	R951	G4
D911	F9	R952	G4
D912	H3	R953	I3
D920	G5	R954	J3
D921	F5	R955	I3
D922	F5	R961	J11
D931	I7	R962	K10
D933	H11	T901	G10
D934	H11	T902	H6
D935	H10	TH901	C7
D936	I8	VR901	D4
D941	H5	ZD910	G8

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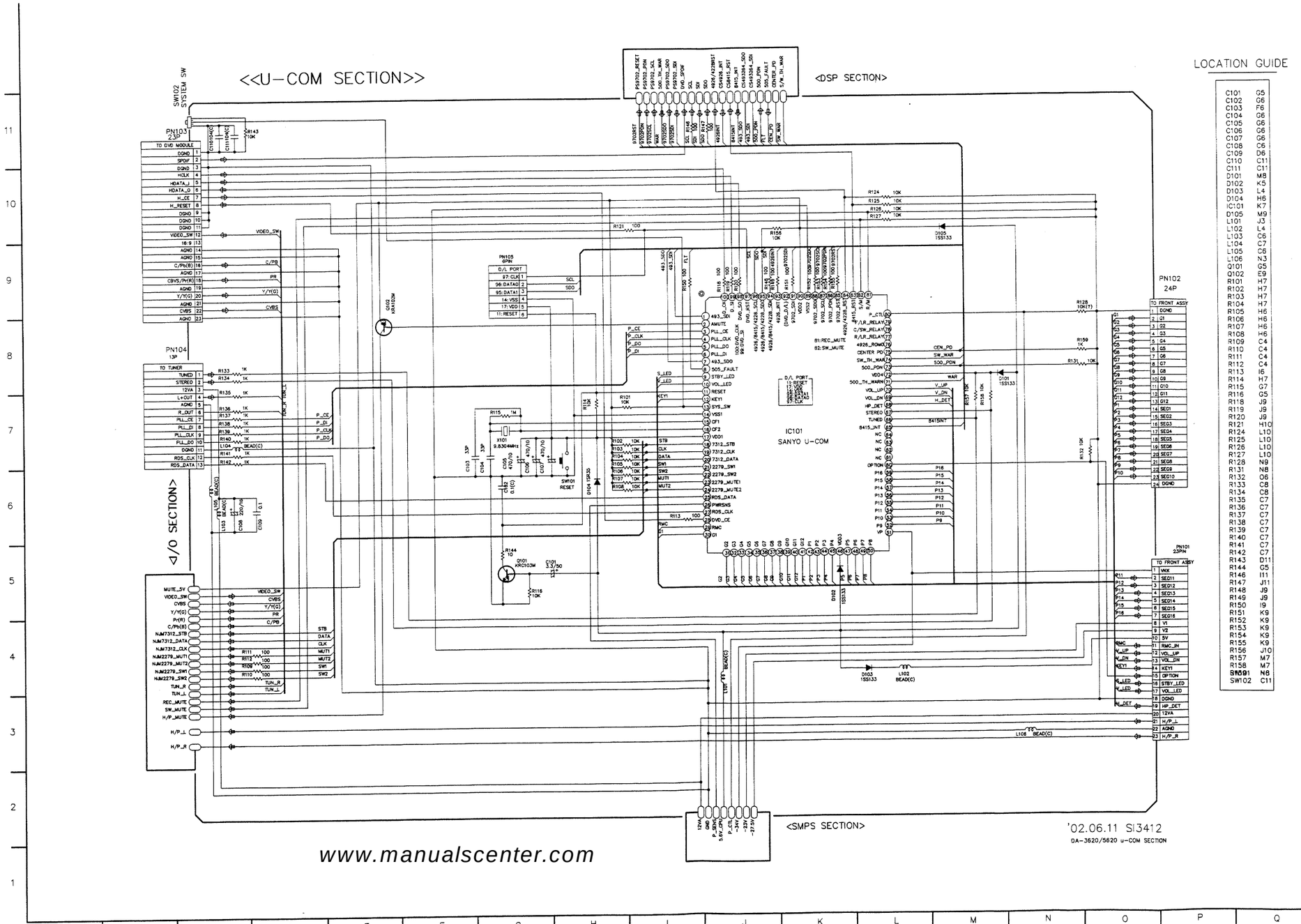
· μ-COM SCHEMATIC DIAGRAM



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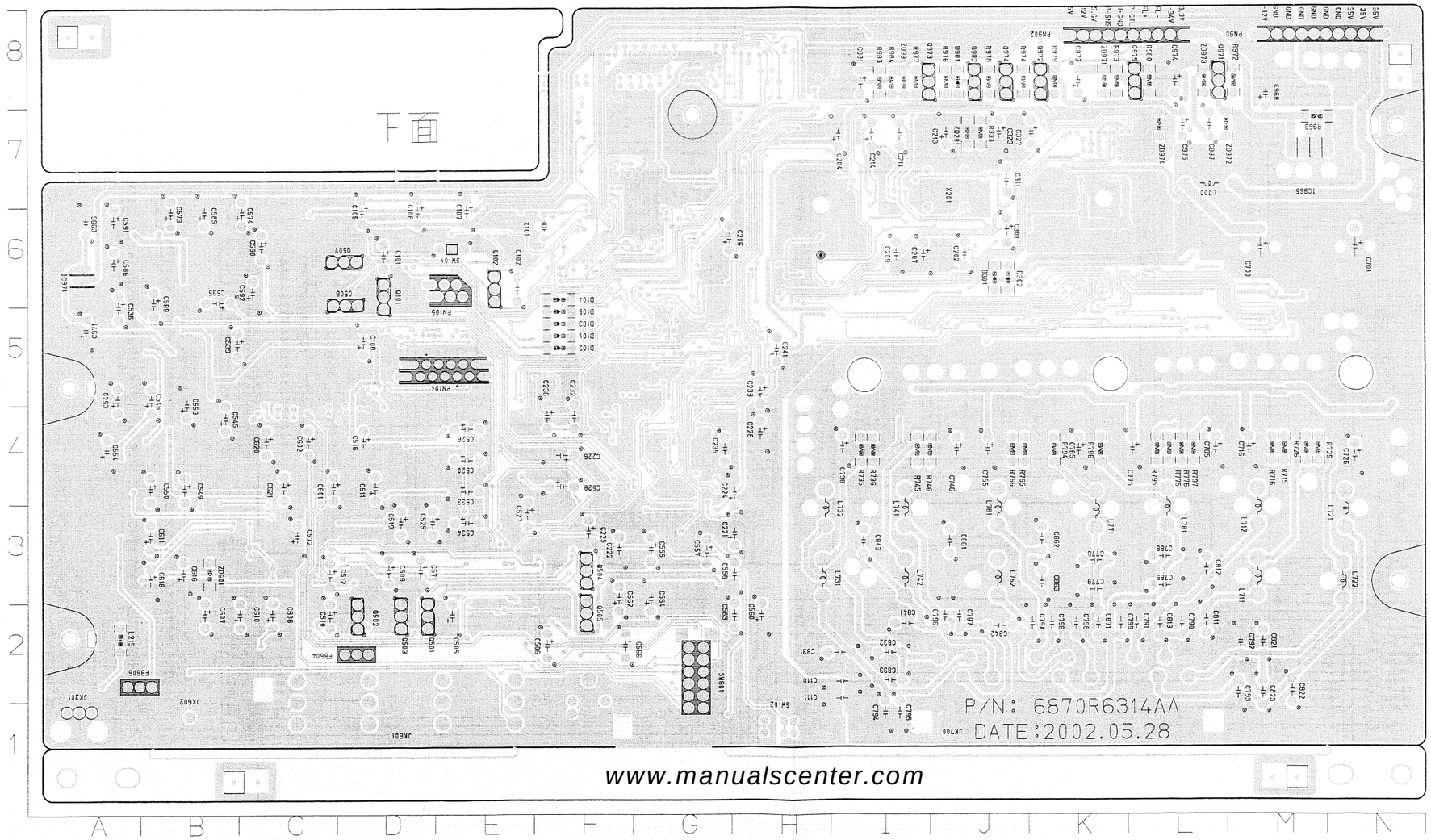
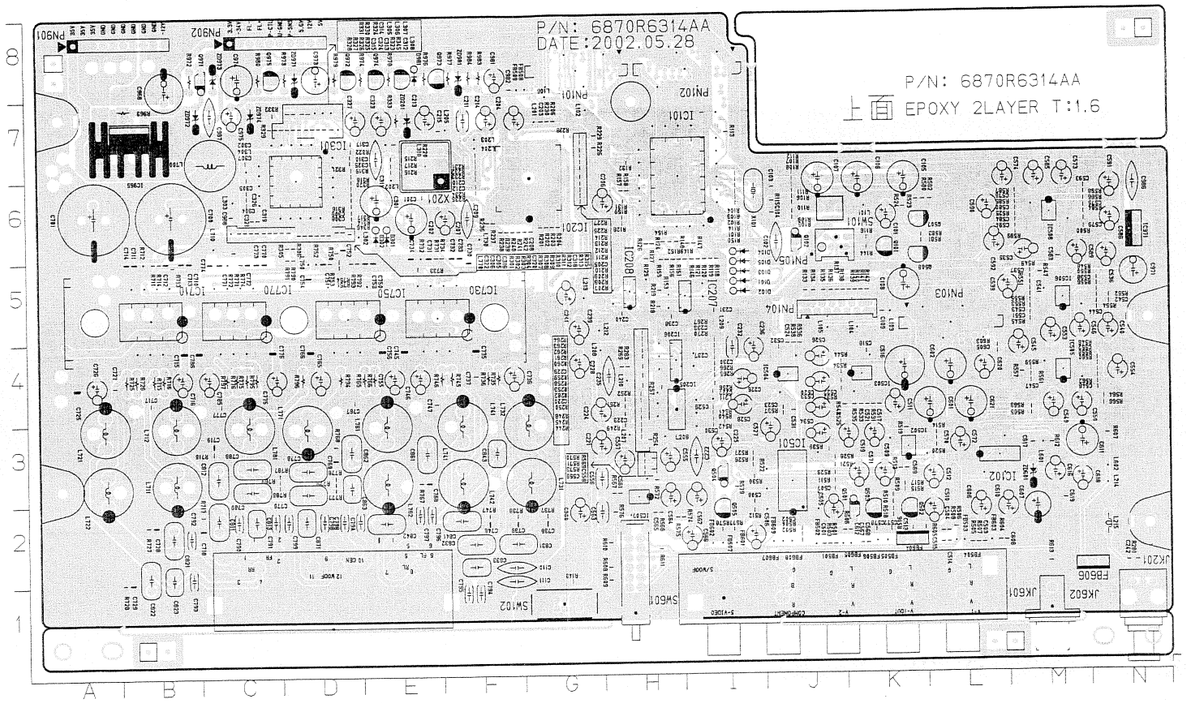
PRINTED CIRCUIT DIAGRAMS

• MAIN P.C. BOARD(SOLDER SIDE)



ICT110	E3	ICT259	D5	ICT478	G5
ICT111	E2	ICT262	D5	ICT480	G6
ICT185	E3	ICT263	D5	ICT481	G6
ICT186	D3	ICT270	F5	ICT482	M5
ICT200	G2	ICT274	F6	ICT483	M6
ICT221	F7	ICT277	G6	ICT484	J5
ICT222	F8	ICT284	D5	ICT486	G6
ICT223	F8	ICT286	D5	ICT488	J5
ICT224	F8	ICT289	G6	ICT489	K5
ICT225	F7	ICT292	G8	ICT49	L5
ICT226	F7	ICT296	G7	ICT492	F4
ICT227	F7	ICT300	F6	ICT50	L5
ICT228	F8	ICT301	F6	ICT501	G5
ICT229	F8	ICT304	H7	ICT502	F6
ICT230	F8	ICT307	F6	ICT503	G5
ICT231	F8	ICT322	G5	ICT508	M5
ICT232	F8	ICT326	G5	ICT509	M6
ICT233	F8	ICT327	H6	ICT510	I8
ICT234	G8	ICT330	I7	ICT511	D6
ICT235	G8	ICT331	I7	ICT512	H8
ICT236	G8	ICT355	K6	ICT513	C3
ICT237	G8	ICT364	J7	ICT517	F7
ICT238	G8	ICT371	G5	ICT518	F7
ICT239	G8	ICT387	K7	ICT519	F6
ICT240	G8	ICT391	K7	ICT520	K7
ICT241	G8	ICT399	H7	ICT521	H6
ICT242	G8	ICT400	H7	ICT524	G5
ICT243	G8	ICT401	G4	ICT528	J5
ICT244	G8	ICT402	G4	ICT529	M5
ICT245	G8	ICT404	K7	ICT530	L6
ICT246	G8	ICT406	K7	ICT533	K6
ICT247	G8	ICT415	H5	ICT534	L5
ICT248	H8	ICT419	G4	ICT535	H5
ICT249	F7	ICT424	F4	ICT536	G5
ICT250	G6	ICT425	D3	ICT538	F5
ICT251	H8	ICT449	G5	ICT540	G6
ICT252	H8	ICT450	G4	ICT541	E5
ICT253	G7	ICT465	N8	ICT542	E5
ICT254	H8	ICT472	H8	ICT543	A6
ICT255	H8	ICT473	L7	ICT544	C4
ICT256	H8	ICT474	G8	ICT82	C3
ICT258	D5	ICT476	H5	ICT97	H7

• MAIN P.C. BOARD(COMPONENT SIDE)



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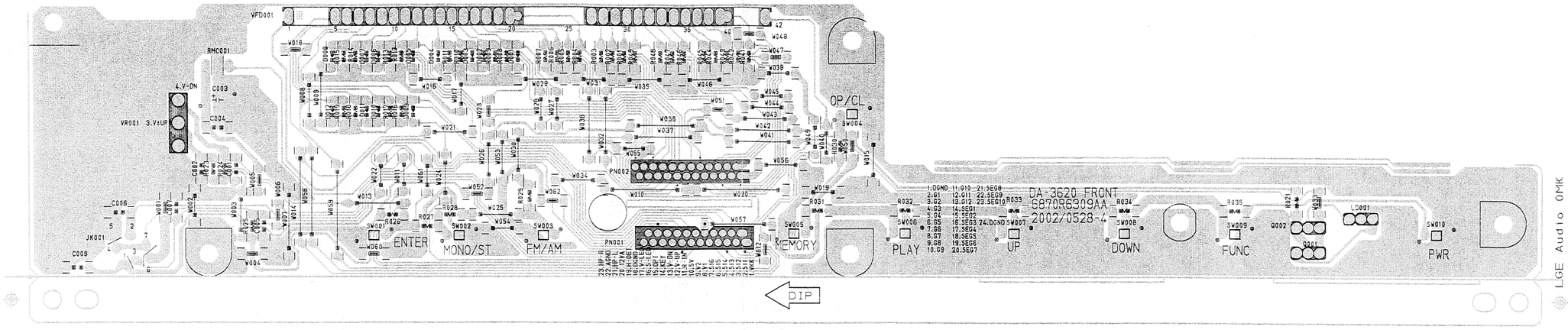
• MAIN/FRONT P.C. BOARD(SOLDER SIDE)



• MAIN/FRONT P.C. BOARD(COMPONENT SIDE)

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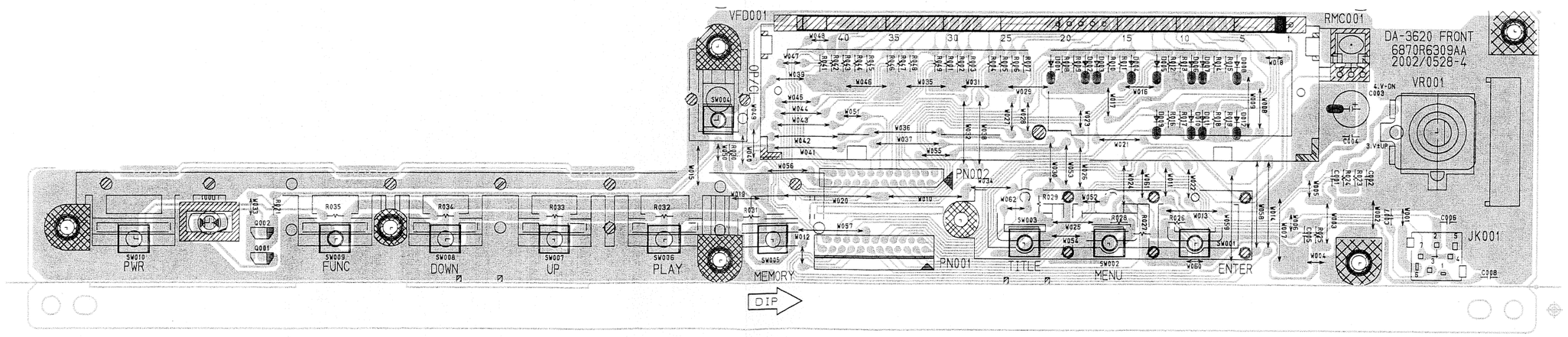
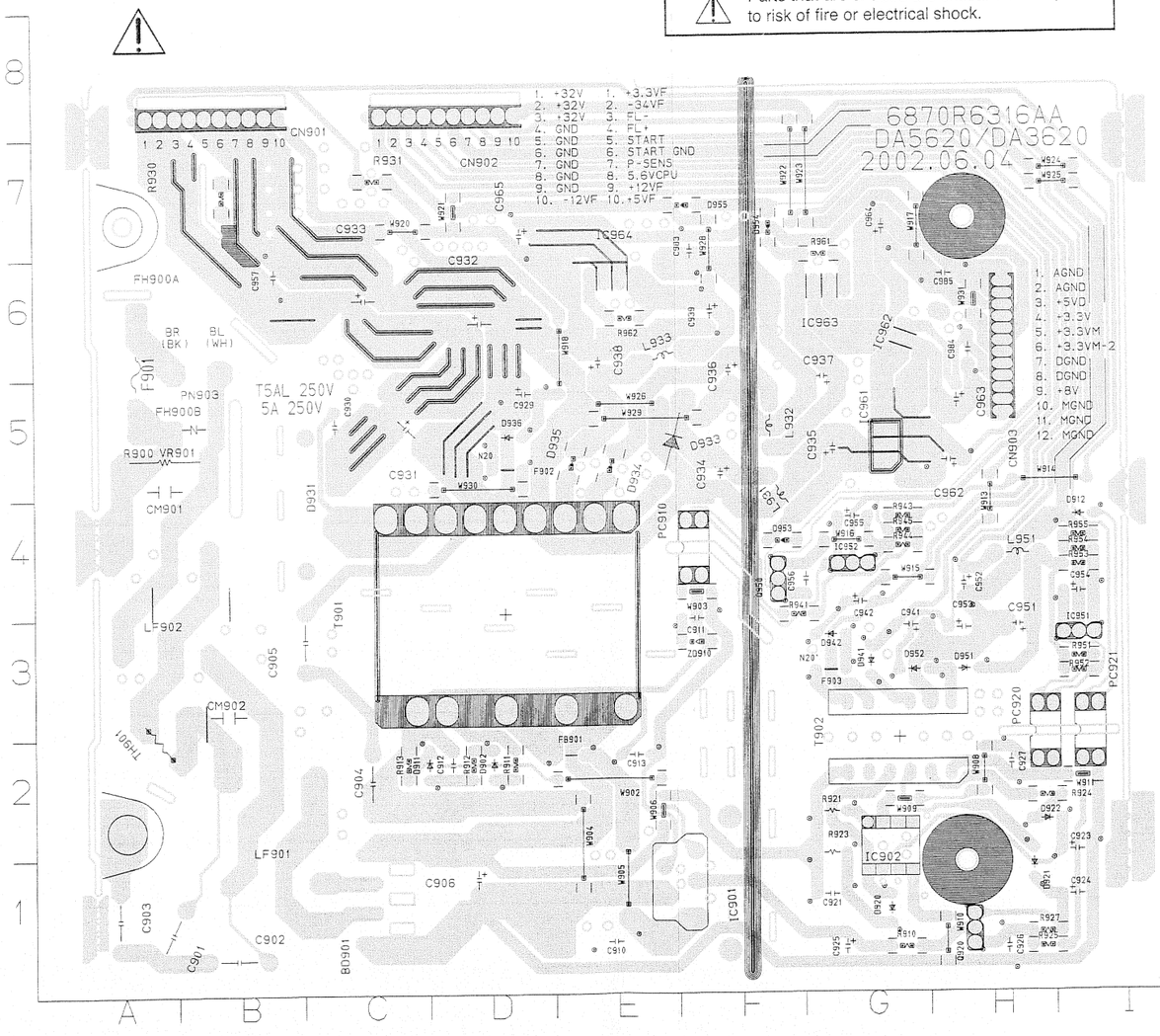


• POWER P.C. BOARD

NOTE: Warning
⚠ Parts that are shaded are critical With respect to risk of fire or electrical shock.



BD901	C1	D941	G3
C901	A1	D942	G3
C902	B1	D951	H3
C903	A1	D952	G3
C904	C2	D953	F4
C905	C3	D954	F7
C906	D1	D955	F7
C910	E1	F902	D5
C911	F3	F903	G3
C912	D2	FB901	E2
C913	E2	FH900A	A6
C921	G1	FH900B	A5
C923	I2	IC901	F1
C924	I1	IC902	G2
C925	G1	IC951	I3
C926	H1	IC952	G4
C927	H2	IC961	G5
C929	D5	IC962	G6
C930	C5	IC963	G8
C931	C5	IC964	E6
C932	D6	L931	F5
C933	C6	L932	F5
C934	F5	L933	E6
C935	G5	L951	H4
C936	F6	LF901	B2
C937	G5	LF902	A4
C938	E6	PC910	F4
C939	F6	PC920	H3
C941	G3	PC921	I3
C942	G4	PN903	B6
C951	H3	Q920	H1
C952	H4	Q950	F4
C953	H3	R900	A5
C954	I4	R910	G1
C955	G4	R911	D2
C956	G4	R912	D2
C957	B6	R913	C2
C962	H5	R921	G2
C963	H5	R923	G2
C964	G7	R924	H2
C965	D7	R925	H1
C983	F7	R927	H1
C984	H6	R930	B7
C985	H6	R931	C7
CM901	A5	R941	F3
CM902	B3	R943	G4
CN901	B8	R944	G4
CN902	D8	R945	G4
CN903	H6	R951	I3
D902	D2	R952	I3
D911	C2	R953	I4
D912	I4	R954	I4
D920	G1	R955	I4
D921	H1	R961	G6
D922	H2	R962	E6
D931	C4	T901	D4
D933	E5	T902	G2
D934	E5	TH901	A2
D935	E5	VR901	B5
D936	D5	ZD910	F3

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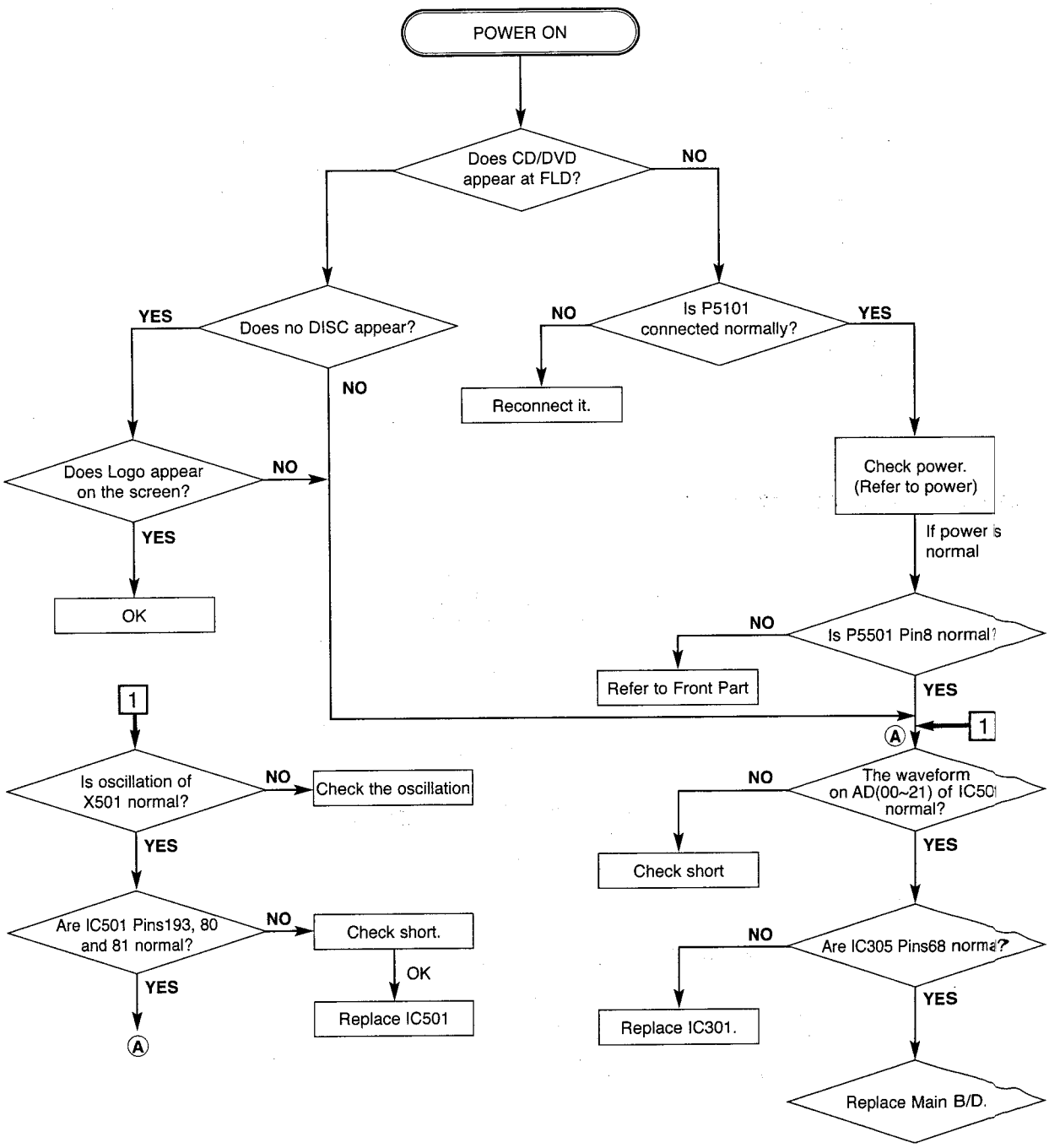
SECTION 3. DVD PART

ELECTRICAL TROUBLESHOOTING GUIDE

1. μ-COM Circuit

A. No Power



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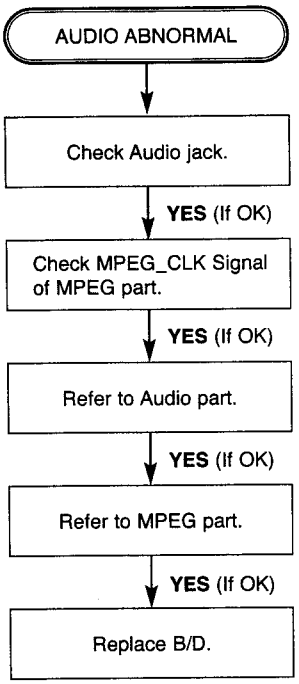
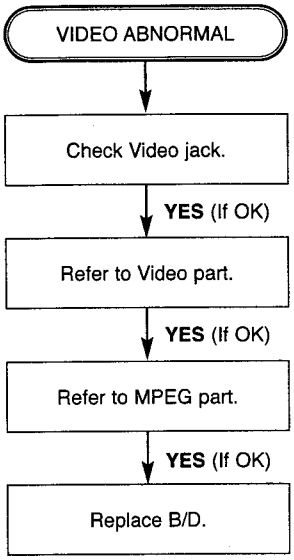
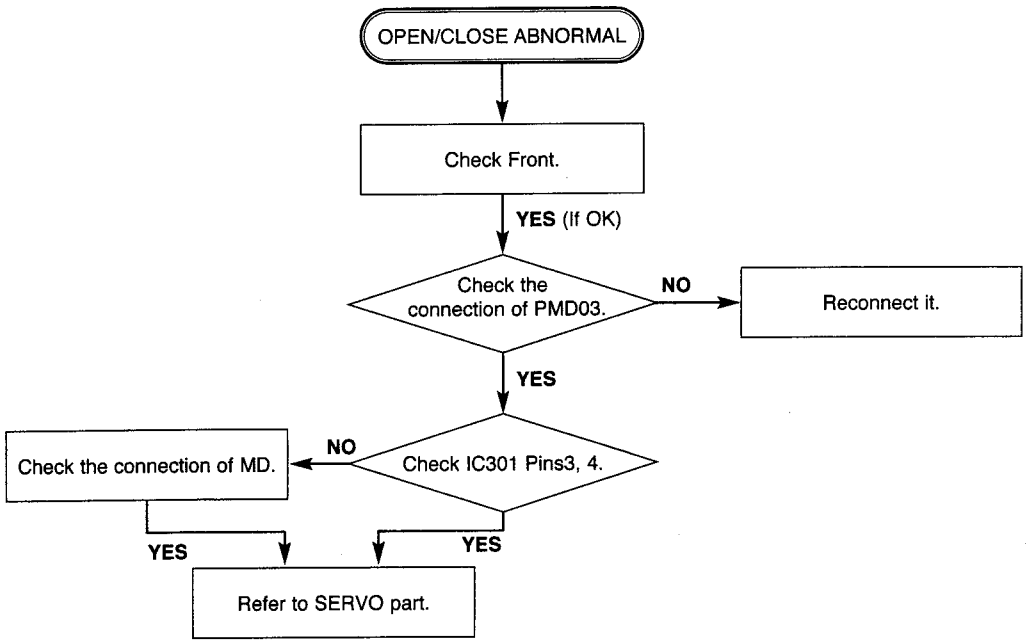
B. Audio abnoraml



C. Video abnoraml



D. Open/Close abnormal



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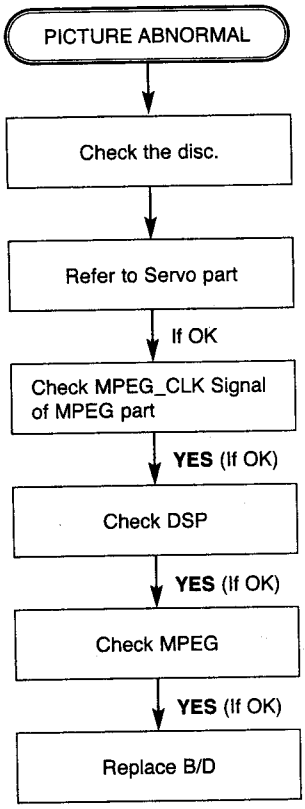
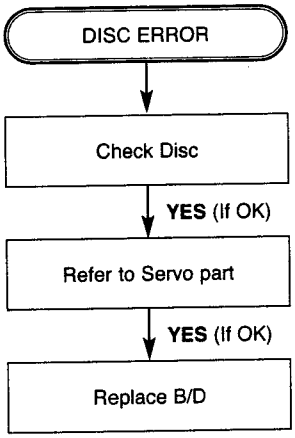
E. Picture abnoraml



F. Disc Error



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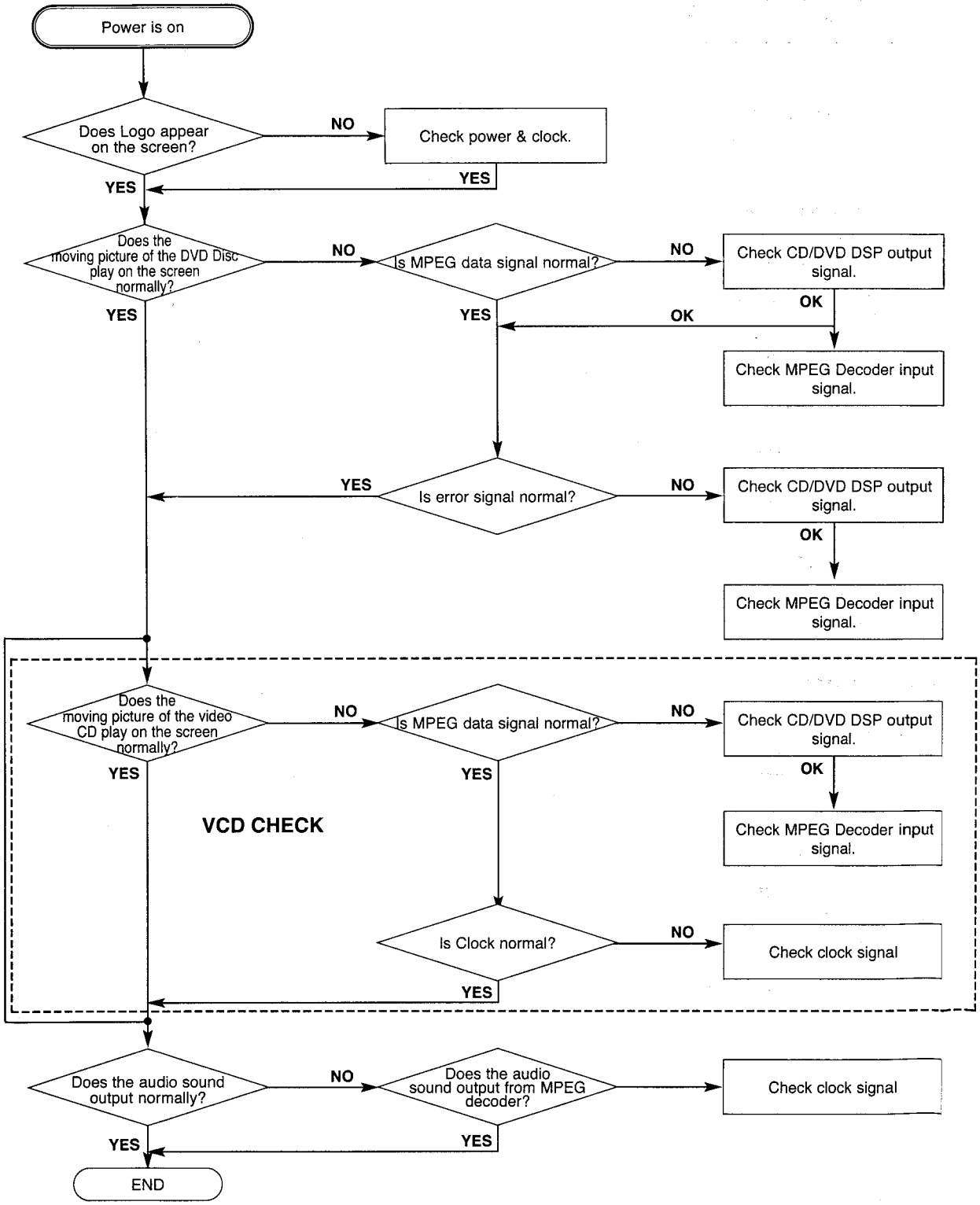
2. MPEG Circuit



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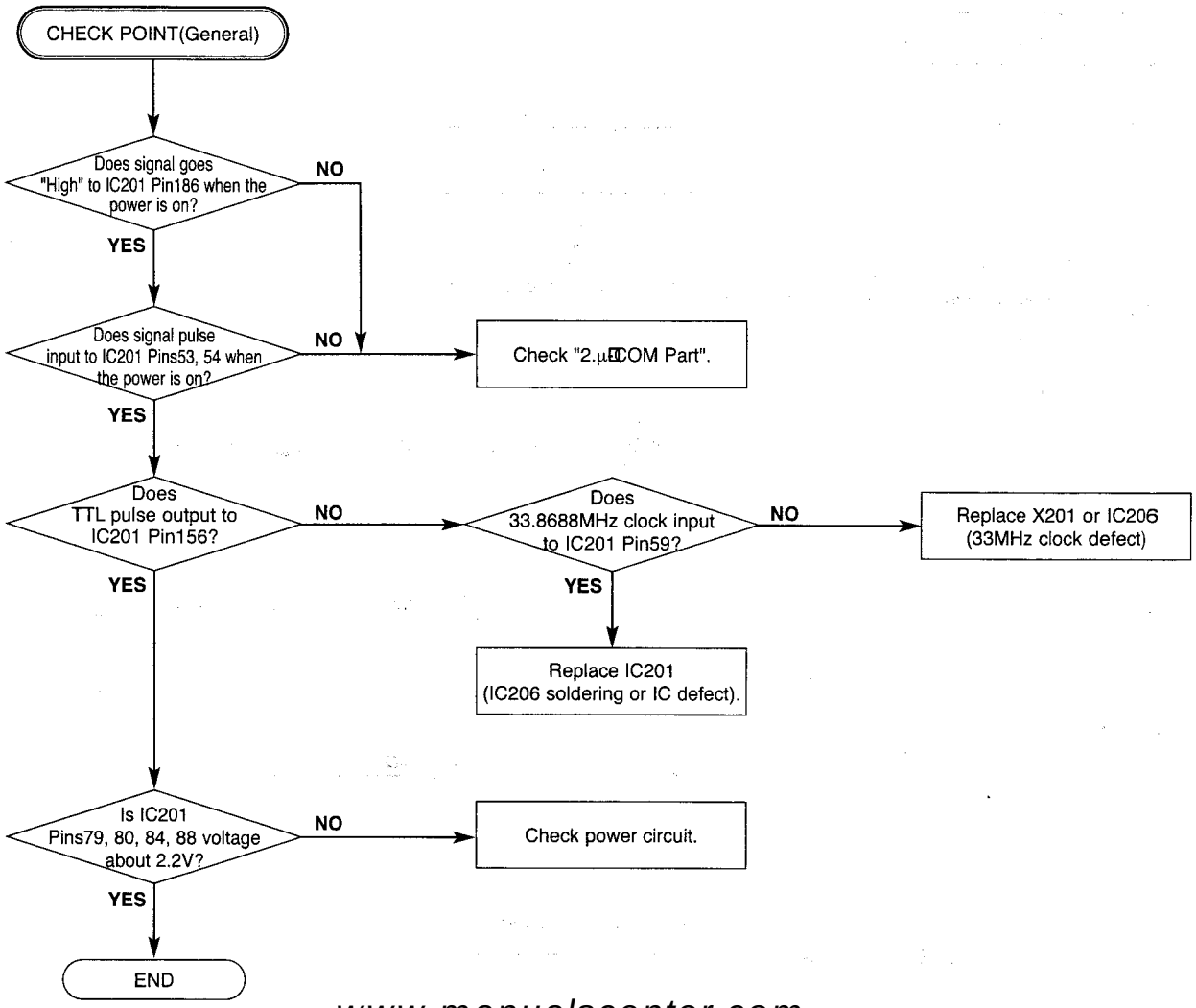
3. RF/Servo Circuit

A.



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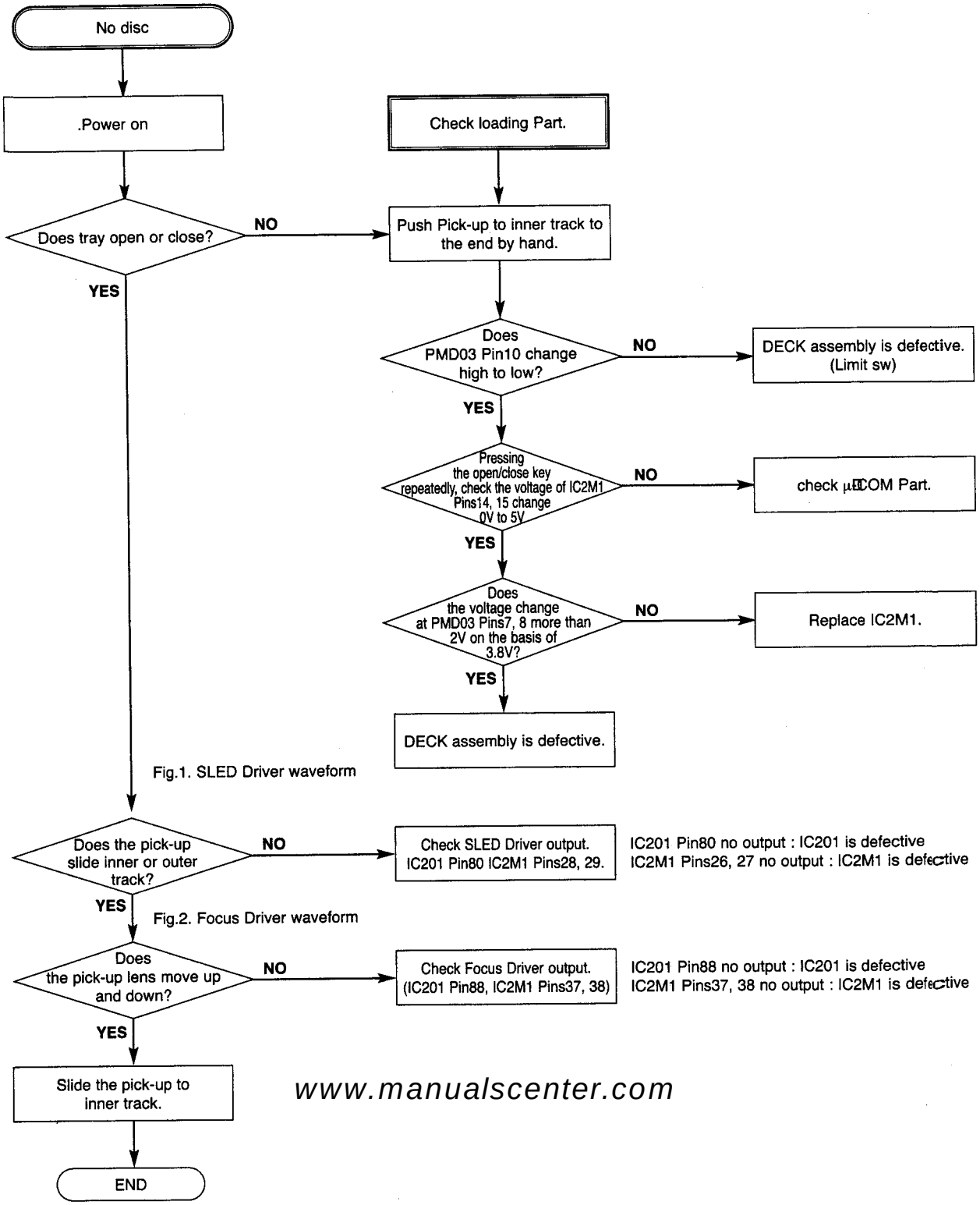
B.


No disc
.Power on
Does tray open or close?
NO
YES
Check loading Part.
Push Pick-up to inner track to the end by hand.
Does PMD03 Pin10 change high to low?
NO
DECK assembly is defective. (Limit sw)
YES
Pressing the open/close key repeatedly, check the voltage of IC2M1 Pins14, 15 change 0V to 5V
NO
check μCOM Part.
YES
Does the voltage change at PMD03 Pins7, 8 more than 2V on the basis of 3.8V?
NO
Replace IC2M1.
YES
DECK assembly is defective.
Fig.1. SLED Driver waveform
Does the pick-up slide inner or outer track?
NO
Check SLED Driver output. IC201 Pin80 IC2M1 Pins28, 29.
IC201 Pin80 no output : IC201 is defective
IC2M1 Pins26, 27 no output : IC2M1 is defective
YES
Fig.2. Focus Driver waveform
Does the pick-up lens move up and down?
NO
Check Focus Driver output. (IC201 Pin88, IC2M1 Pins37, 38)
IC201 Pin88 no output : IC201 is defective
IC2M1 Pins37, 38 no output : IC2M1 is defective
YES
Slide the pick-up to inner track.
END

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C.

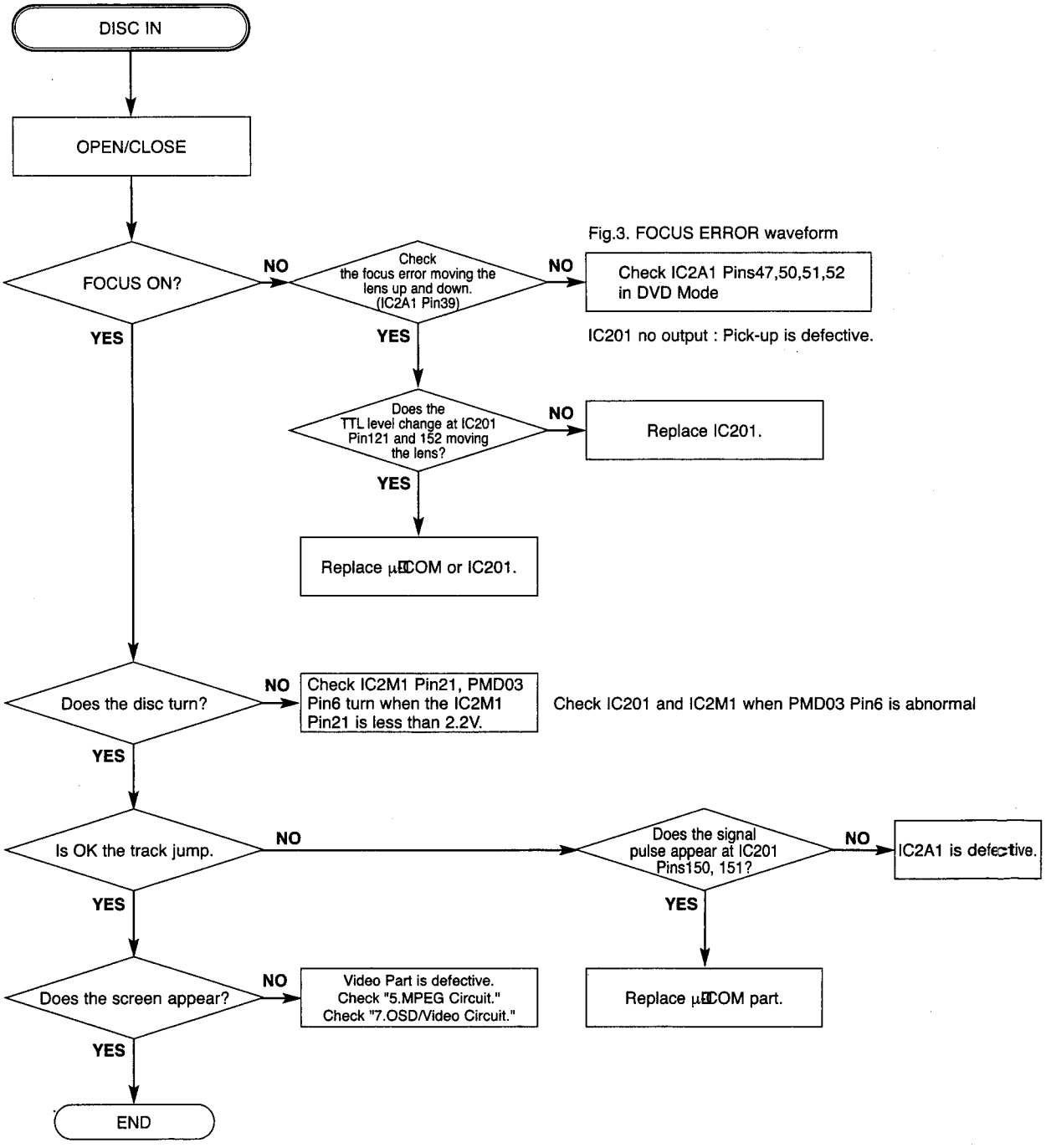

Fig.3. FOCUS ERROR waveform

IC201 no output : Pick-up is defective.

Check IC201 and IC2M1 when PMD03 Pin6 is abnormal

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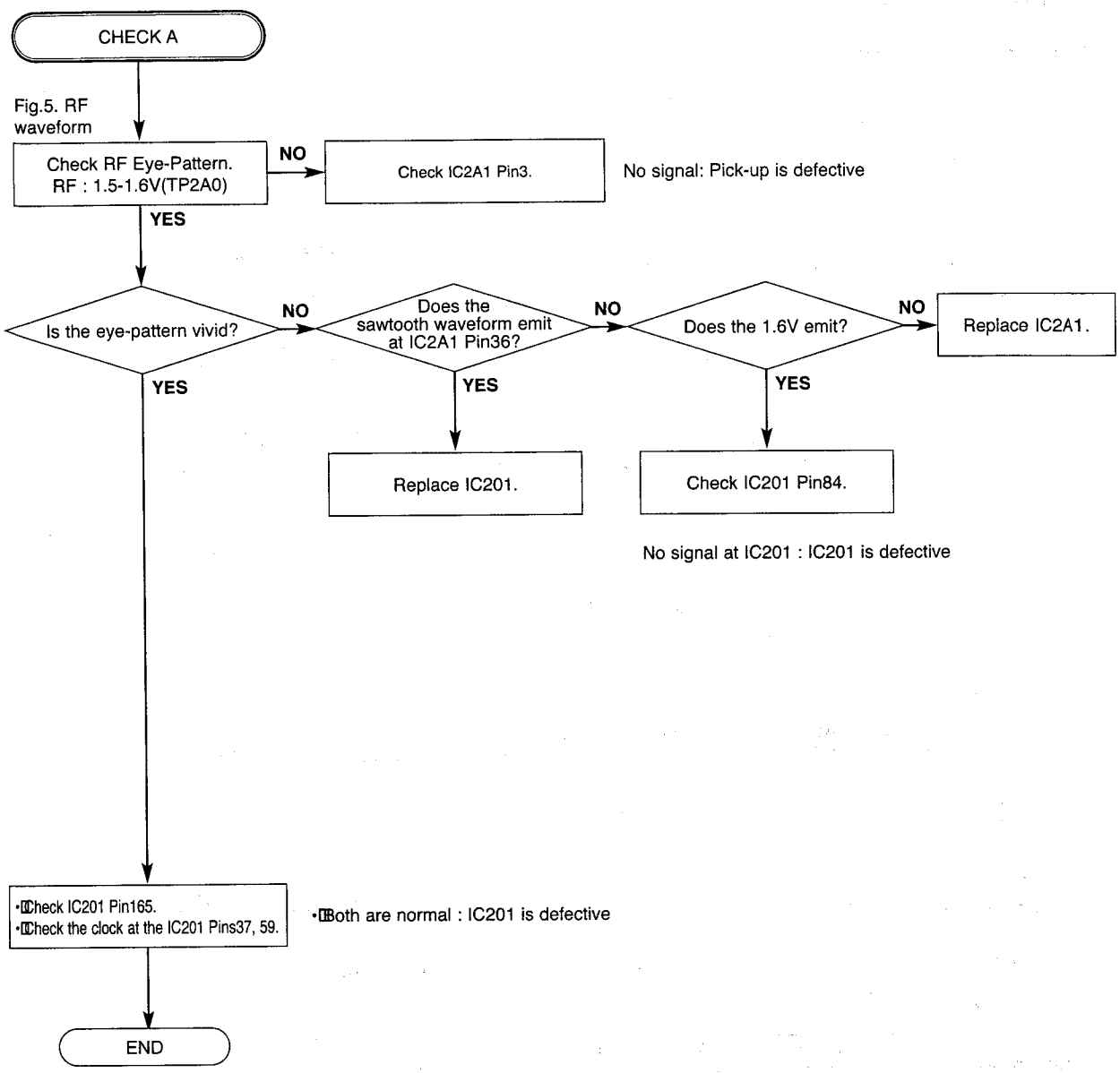
D.



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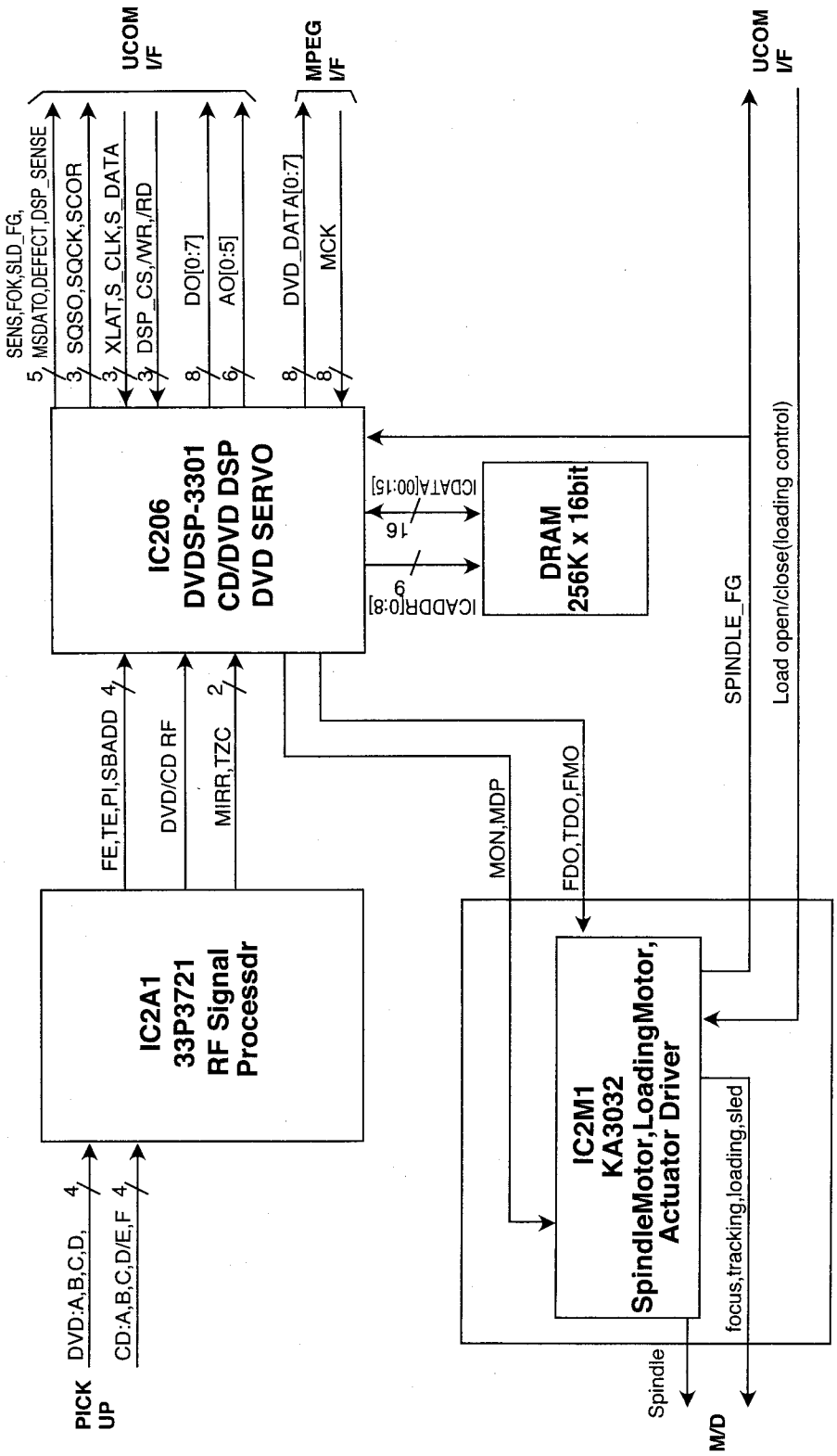
BLOCK DIAGRAMS

1. RF/CD DSP/DVD DSP/DVD SERVO Block Diagram



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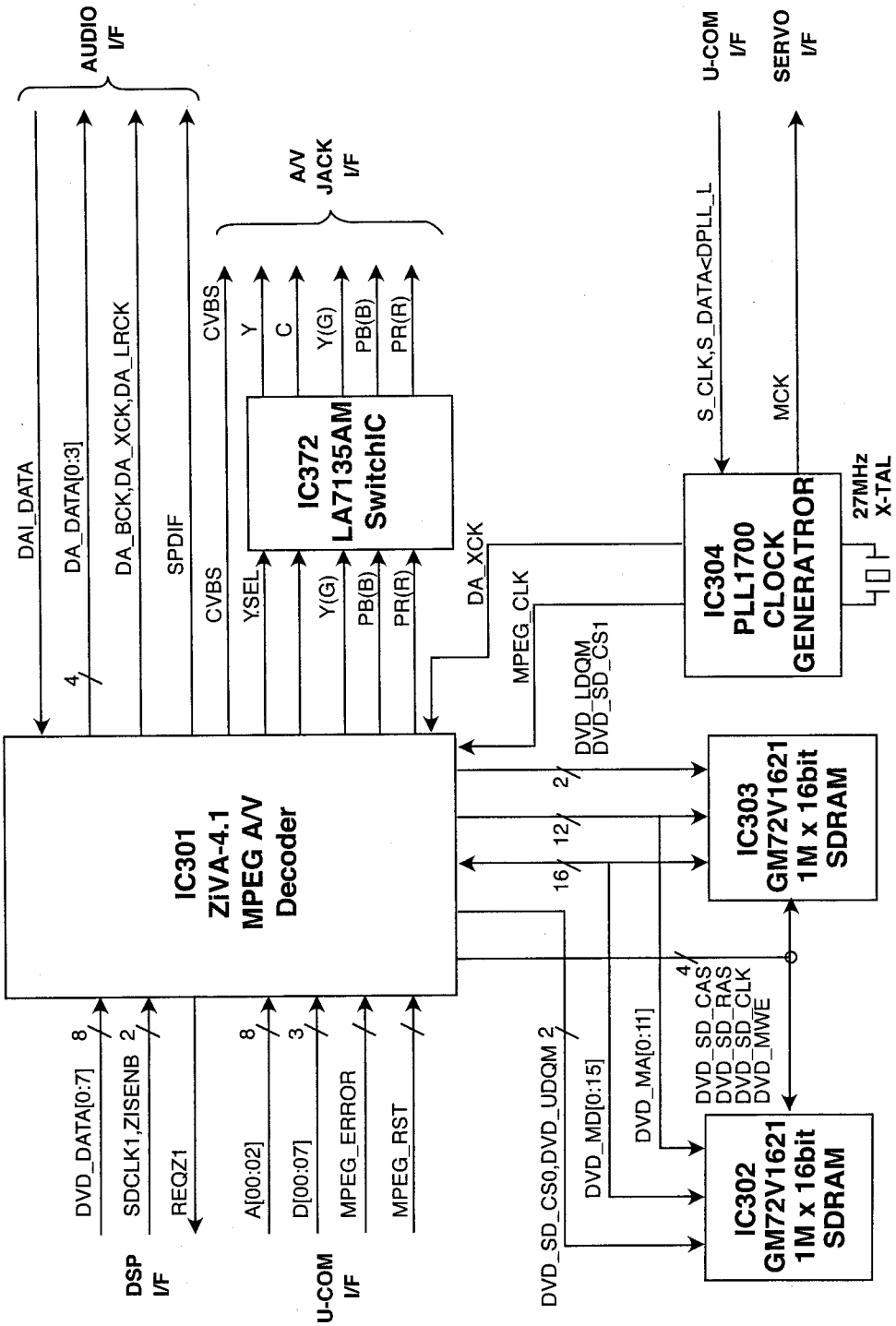
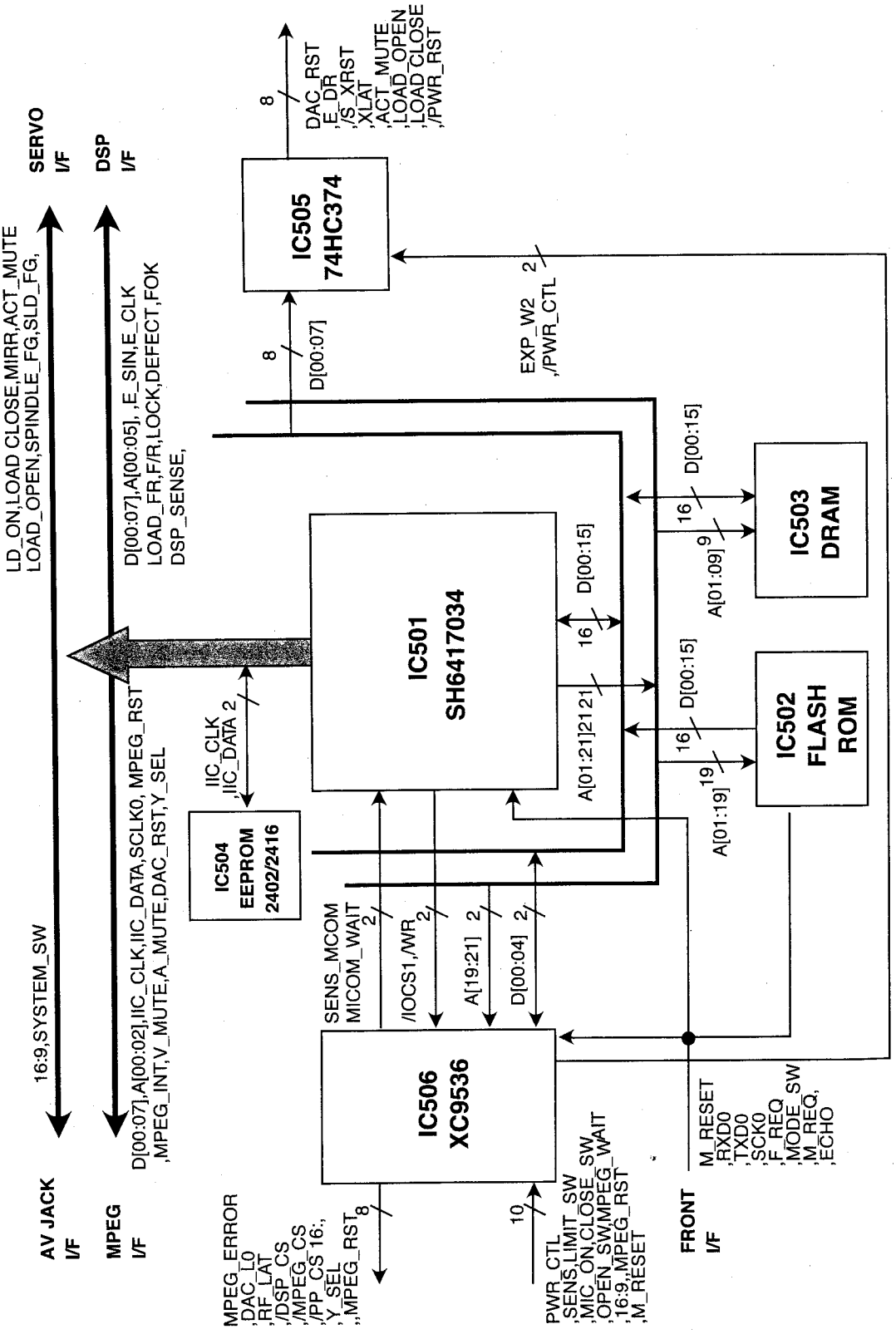
2. MPEG Block Diagram



3. μ-COM Block Diagram



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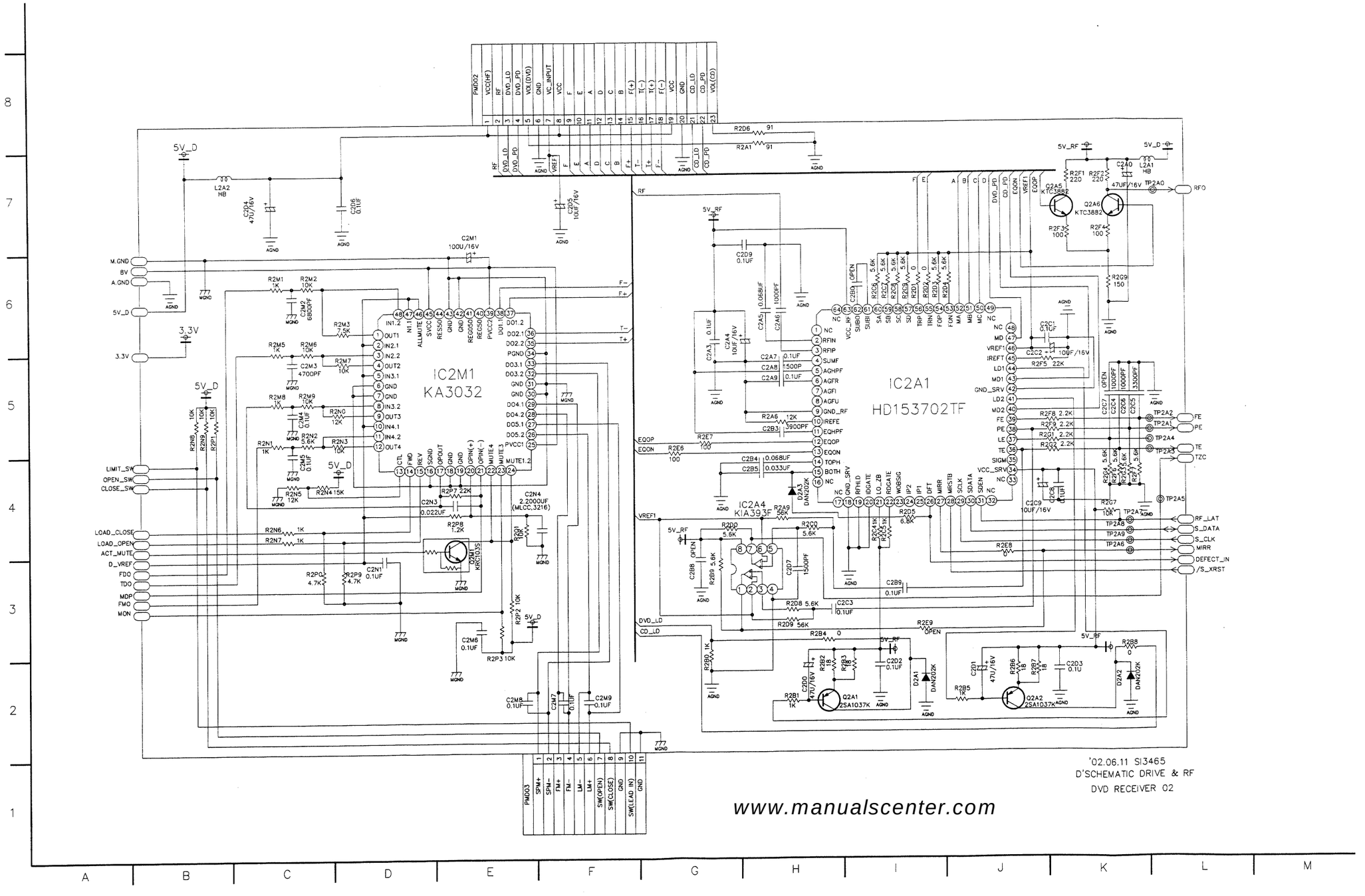
SCHEMATIC DIAGRAMS

• DRIVE & RF SCHEMATIC DIAGRAM



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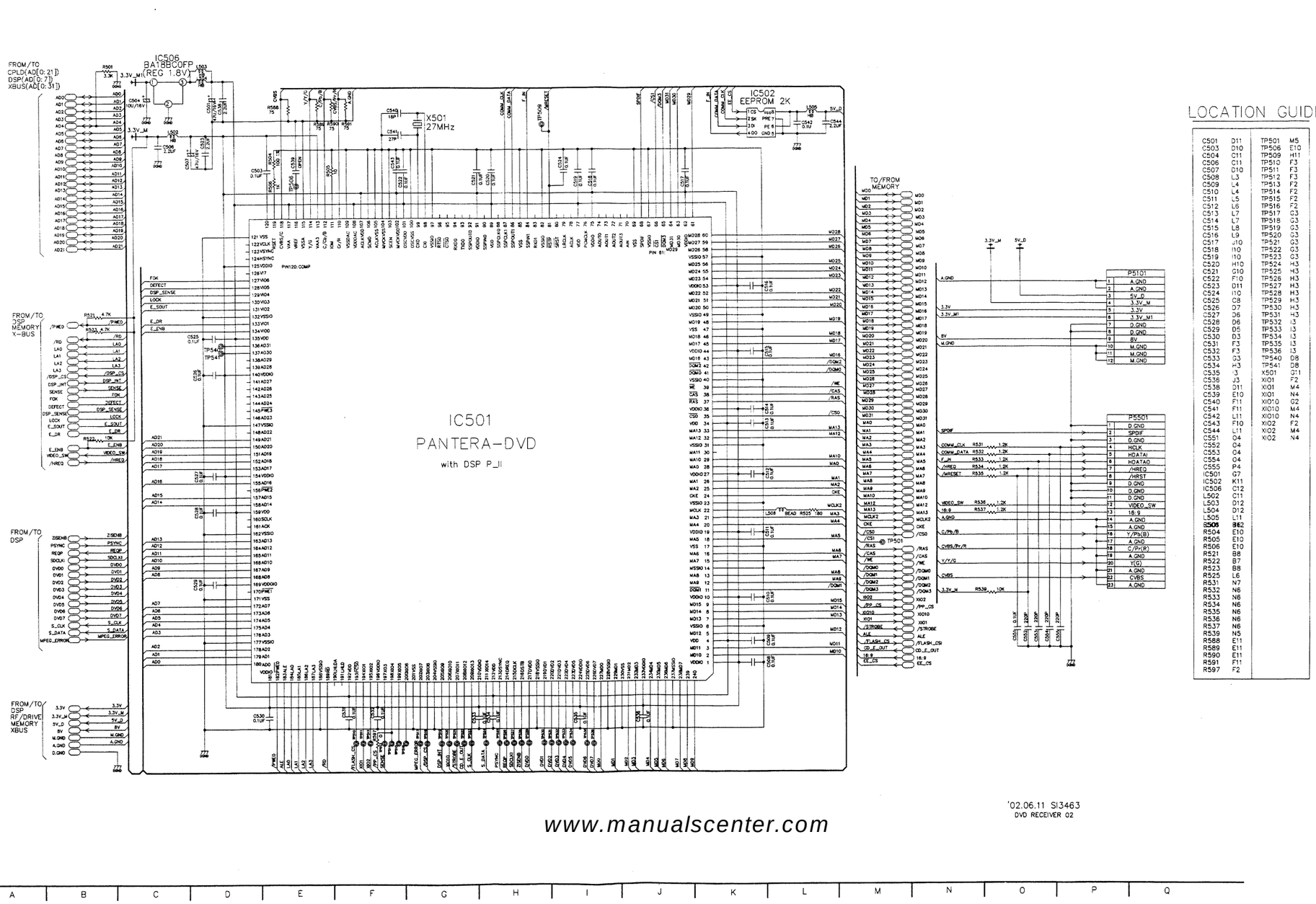
• MPEG SCHEMATIC DIAGRAM



LOCATION GUIDE

C501	D11	TP501	M5		
C503	D10	TP506	E10		
C504	C11	TP509	H11		
C506	C11	TP510	F3		
C507	D10	TP511	F3		
C508	L3	TP512	F3		
C509	L4	TP513	F2		
C510	L4	TP514	F2		
C511	L5	TP515	F2		
C512	L6	TP516	F2		
C513	L7	TP517	G3		
C514	L7	TP518	G3		
C515	L8	TP519	G3		
C516	L9	TP520	G3		
C517	J10	TP521	G3		
C518	I10	TP522	G3		
C519	I10	TP523	G3		
C520	H10	TP524	H3		
C521	G10	TP525	H3		
C522	F10	TP526	H3		
C523	D11	TP527	H3		
C524	I10	TP528	H3		
C525	C8	TP529	H3		
C526	D7	TP530	H3		
C527	D6	TP531	H3		
C528	D6	TP532	I3		
C529	D5	TP533	I3		
C530	D3	TP534	I3		
C531	F3	TP535	I3		
C532	F3	TP536	I3		
C533	G3	TP540	D8		
C534	H3	TP541	D8		
C535	J3	X501	G11		
C536	J3	XI01	F2		
C538	D11	XI01	M4		
C539	E10	XI01	N4		
C540	F11	XI010	G2		
C541	F11	XI010	M4		
C542	L11	XI010	N4		
C543	F10	XI02	F2		
C544	L11	XI02	M4		
C551	O4	XI02	N4		
C552	O4				
C553	O4				
C554	O4				
C555	P4				
IC501	G7				
IC502	K11				
IC506	C12				
L502	C11				
L503	D12				
L504	D12				
L505	L11				
R505	B6				
R504	E10				
R505	E10				
R506	E10				
R521	B8				
R522	B7				
R523	B8				
R525	L6				
R531	N7				
R532	N6				
R533	N6				
R534	N6				
R535	N6				
R536	N6				
R537	N6				
R539	N5				
R588	E11				
R589	E11				
R590	E11				
R591	F11				
R597	F2				

'02.06.11 SI3463
DVD RECEIVER 02

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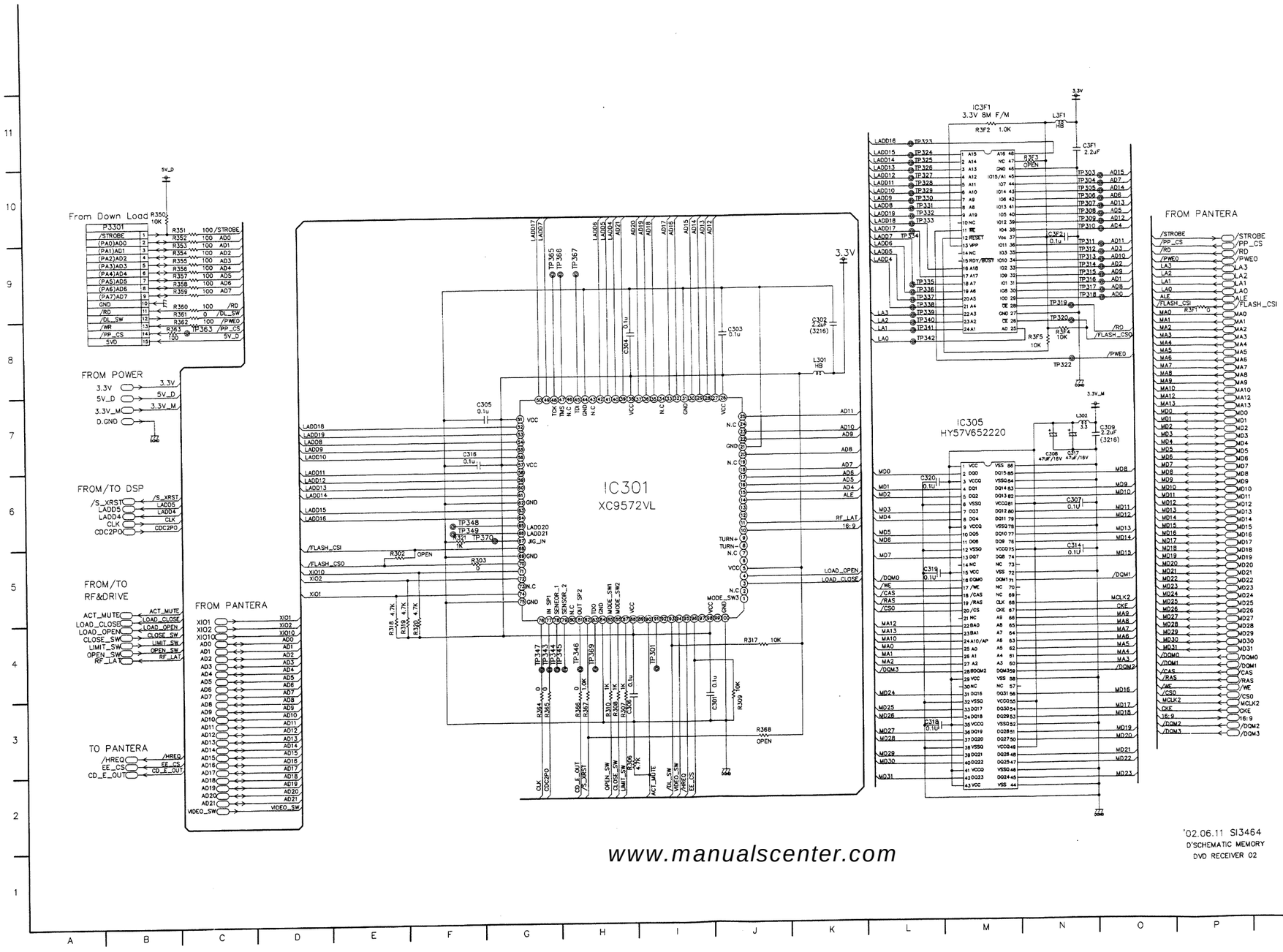
• μ-COM SCHEMATIC DIAGRAM



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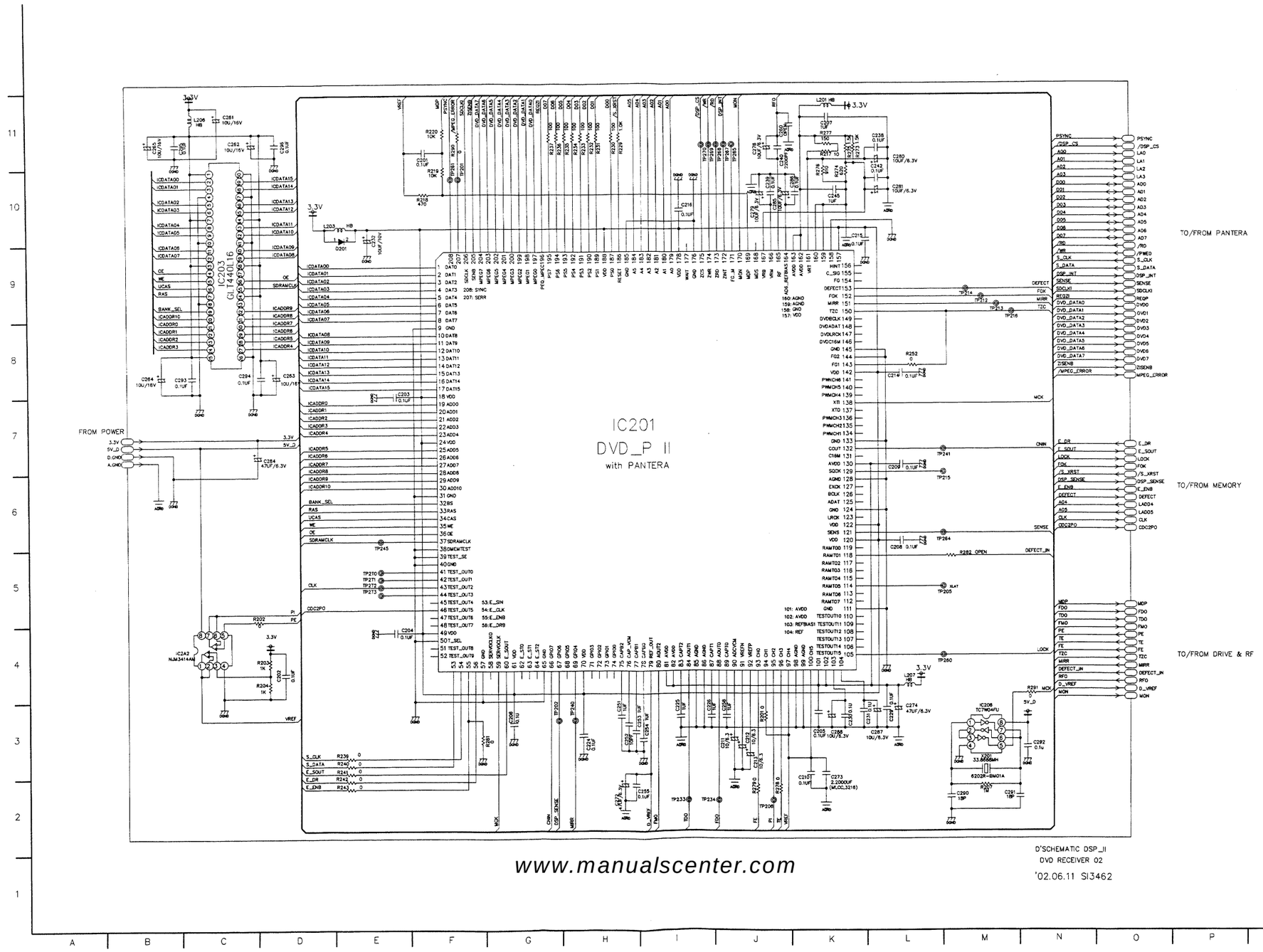
'02.06.11 SI3464
D'SCHEMATIC MEMORY
DVD RECEIVER 02

• DVD DSP(DIGITAL SIGNAL PROCESSING) SCHEMATIC DIAGRAM



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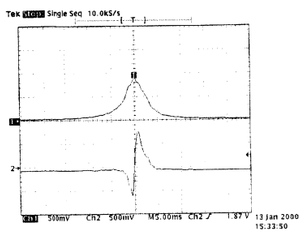
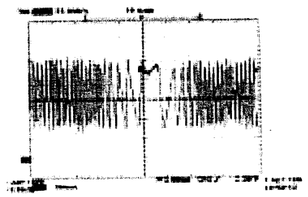
WAVEFORMS

1



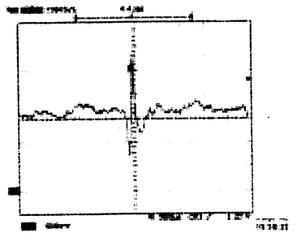
IC2A1 Pin 42, Focus Error
IC2A1 Pin 36, Pi

2



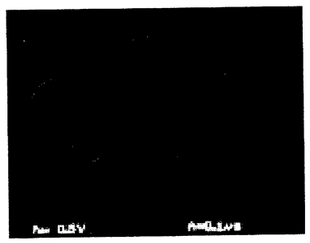
IC2A1 Pin 41
Tracking Error

3



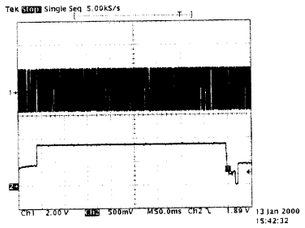
IC2A1 Pin 41
VBR TRACKING Error

4



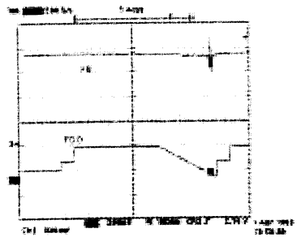
IC2A1 Pin 57
RF

5



IC201, Pin 88, SLED Drive(FMO)
IC201, Pin 18 SLED FG

6



IC2A1 Pin 42, Focus Error(Focus Search)
IC2A1 Pin 83, Focus Drive(FDO)

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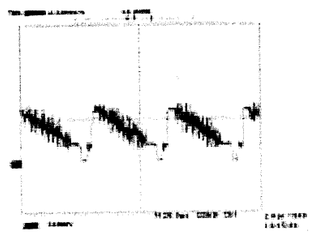
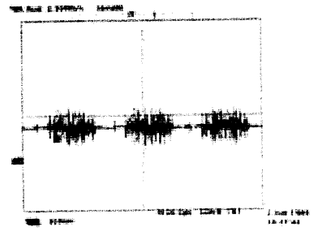
1



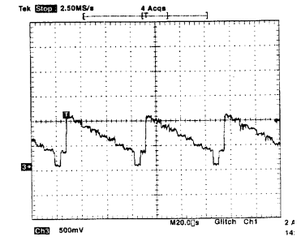
IC501 Pin 118, Composite

2



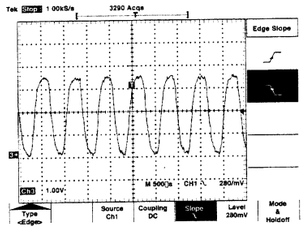
IC501 Pin 112, Chrominance
(Super video out Mode)

3



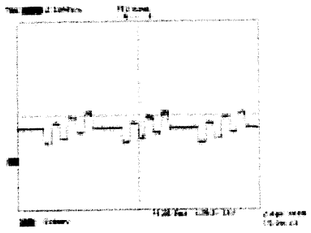
IC501 Pin 114, Luminance
(Super video out Mode)

4



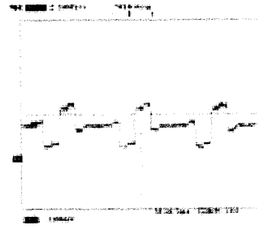
IC501 Pin 98,
MPEG Clock(27MHz)

5



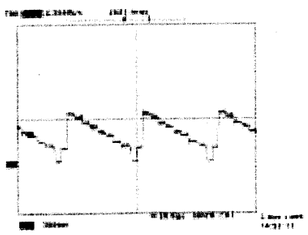
IC501 Pin 114,
Component Pb

6



IC501 Pin 112,
Component Pr

7



IC501 PIN 118,
COMPONENT Y

• CIRCUIT VOLTAGE CHART

	IC203		IC201		IC301		IC3F1		IC501		IC305		IC2A1		IC2M1	
PIN	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY
1	3.18	3.16	3.12	0	3.17	3.16	0	0	3.12	3.1	3.06	3.05	0	0	2.11	2.14
2	3.12	2.69	3.12	0	0	0	0	0	0	0.41	0.29	0.35	3.16	3.13	2.1	2.12
3	3.12	2.69	3.12	0	3.16	0	0	0	0	0.47	3.06	3.05	3.16	3.13	2.11	2.11
4	0	0	3.12	0	3.16	0	0	0	1.75	1.73	3.06	0.33	0.75	1.55	2.1	2.15
5	3.12	2.74	3.12	3.12	3.17	3.16	0	0	0	0.49	0	0	2.04	3.02	2.1	2.12
6	3.12	2.71	3.12	3.12	3.17	3.16	0	0	0	0	0	0	0	0	0	0
7	3.18	3.17	3.12	0	0	0	0	0	0	0.37	0	0.34	0	0	0	0
8	3.12	2.68	3.12	3.12	3.17	3.16	0	0	0	0.35	0.4	0	0	0.33	2.11	2.12
9	3.12	2.63	0	0	0	0	3.13	2.92	0	0.33	0	3.05	0	0	2.02	1.99
10	0	0	3.12	3.12	0	0	0	0	3.22	3.19	0.33	0	0.44	0	2.1	2.12
11	3.12	2.7	3.12	3.12	0	0	3.13	3.12	0	0	0.41	0	1.72	1.19	2.11	2.12
12	3.12	2.7	3.12	0	0	0	3.2	3.2	0	0	0	0	2.06	2.3	2.09	2.13
13	3.18	3.17	3.12	3.12	3.17	3.16	3.2	3.2	0	0	0	0.46	2.25	3.08	3.25	2.23
14	0	0	3.12	0	0	0	0	0	0	0	0	0	1.32	3.13	2.51	0
15	3.12	3.04	3.12	0	0	0	0	0	0	0.79	3.06	3.05	1.46	2.27	2.51	0
16	3.12	0	3.12	0	2.17	2.18	3.19	0	0	0.74	0	0	0	2.4	0	0
17	3.12	3.02	3.12	0	0.38	2.21	0	0	0	0	3.09	3.07	0	0	2.18	0
18	0	0	3.13	3.12	0.41	0.61	0	0	0	0.71	0	2.82	0	0	0	0
19	0	0	3.13	0	0	0	0	0	3.22	3.1	2.84	3.03	0	0	0	0
20	0	3.12	0	0	0	0	0	0	3.22	3.13	3.05	2.76	0	0	1.52	1.89
21	3.13	0	3.13	0	0	0	0	0	3.22	3.13	0	0	3.01	5.01	1.88	1.89
22	3.13	3.17	0	0	0	0	0	0	1.64	0	0	1.38	3.85	5.01	0	0
23	3.13	0	0	0	0	0	0	0	0	0	0.8	0.79	0	0	3.13	0
24	0	0	3.13	0	0	0	0	0	3.22	3.13	0	0	0	0	0	0
25	3.18	0	3.12	0	0	0	3.11	3.11	0	3.13	1.14	1.1	0	0	7.95	7.92
26	0	0	0	0	3.21	3.16	3.17	3.2	0	3.13	0.38	1.54	3.31	3.63	3.92	3.71
27	0	0	0	3.12	0	0	0	0	3.22	3.11	0	0	0	0	3.92	3.71
28	3.12	0	0	0	0	0	3.11	0	0	1.1	0	0	3.14	3.16	3.9	3.74
29	0	3.12	0	0	0	0	0.61	1.07	0	0	0	0.05	5.15	5.14	3.95	3.68
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	3.17	0	3.12	0	0	0.6	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	3.22	1.39	0	0	0	0	1.18	4.2
33	3.1	0	3.12	0	0	0	0.59	0	3.22	0.8	0	0	0	0	1.18	3.43
34	3.18	0	3.12	0	0	0	0	0	1.75	1.52	0.34	0	5.03	4.99	0	0
35	1.5	0	3.12	0	0	0	0.61	0	3.22	2.76	3.03	3.05	2.29	2.34	3.92	3.75
36	0	3.12	0	0	0	0	0	0	3.22	3.11	0	0.34	2.2	2.3	3.93	3.73
37	0	0	1.51	0	0	0	3.18	0	3.22	3.03	0	0	2.2	2.2	3.92	3.73
38	3.18	0	0	0	3.17	3.16	0	0	3.22	2.83	0	0	2.29	2.26	3.92	3.68
39	3.12	3.12	0	0	0	0	0	0	3.22	3.08	0.56	0	2.24	2.24	7.95	7.94
40	3.12	3.12	0	0	0	0	2.17	0	0	0	0.56	0	0	0	7.91	7.87
41	0	3.17	0	0	0	0	0	0	0	0	0	3.05	5.03	5.01	0	0
42	3.12	0	0	0	0	0	0.38	2.28	0	0	3.03	0.45	0	0	0	0
43	3.12	0	0	0	0	0	0	0	0	0.34	3.03	3.05	0	0	0	0
44	3.18	0	0	0	0	0	0.41	0.65	3.22	3.11	0	0	5.03	1.59	0	0
45	3.12	3.12	0	0	3.17	3.15	0	0	0.45	0.33	0	0.44	2.3	2.3	7.95	7.94
46	2.76	3.12	1.56	0	0	0	0	0	0	0	0	0	2.3	2.3	2.11	2.12
47	0	0	0.91	0	3.17	3.15	0	0	0	0	0.38	0	1.74	2.3	2.1	2.12
48	3.12		1.65	0	2.19	0	0	0	0	0	0	0	0	0	2.11	2.12
49	3.12		3.14	0.53	0	0			0	0	3.03	0	0	0		
50	0		0	0	0	0			0.43	0.39	0.36	3.05	2.3	2.3		
51			0.64	0	3.17	0			0.42	0.45	0	0.34	2.3	2.3		
52			0.43	0	3.17	3.19			0.43	0.35	0	0	2.3	2.3		
53			0	0	3.11	2.91			3.12	3.11	0	0	2.3	2.3		
54			2.58	0	0	0			0	0	0.41	0	2.3	2.3		
55			0	0	0	0			0	0.33	3.03	3.05	2.3	2.3		
56			3.11	0	0	0			0.39	0.36	0	0.34	2.3	2.3		
57			0	0	3.17	3.19			0	0	0	0	2.3	2.3		
58			1.65	0	0	0			0	0	0	0	2.3	2.3		
59			1.79	0	0	0			0	0.42	0	0	2.29	2.3		
60			0	0	0	0			0.44	0.4	0	0.79	2.29	2.3		
61			3.13	0	0	0			0.44	0.47	0	0.79	0.36	0.56		
62			0	0	0	0			3.12	3.11	0	2.26	0.37	0.62		
63			3.13	0	0	0			0.45	0.35	0	0.74	5.03	5.02		
64			0	0	0	0			0	0	0	0.78	0	0		
65			0	0	0	0			0	0	0	0				
66			3.12	0	0	0			0	0	0	0				
67			0	0	0	0			0	0.31	3.11	3.1				
68			3.13	3.12	3.11	3.1			1.51	0	1.6	1.59				
69			4.08	0	0	0			0	1.5	0	0				
70			3.13	0	0	3.16			1.47	0	0	0				
71			0	0	3.11	3.1			0	0	0	0				
72			3.13	3.13	0	0			0	0	0	0				
73			0	0	0	0			0	0	0	0				
74			0	0	3.11	3.1			0	0	0	0.45				
75			0.78	0	0	0			3.12	3.11	3.04	3.05				
76			1.41	0	0	0			1.48	1.26	0	0				
77			0.77	0	0	0			1.74	1.74	0	0				
78			0.77	0	0	0			1.54	1.54	0	0				
79			2.1	2.11	3.17	0			1.56	1.55	0	0				
80			2.12	2.11	0	0			3.11	3.1	0	0.34				
81			3.18	0	3.17	0			3.01	3.01	1.69	0				

	IC203		IC201		IC301		IC3F1		IC501		IC305		IC2A1		IC2M1	
PIN	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY
82			3.18	0	3.17	3.19			0	0	0	0				
83			1.93	1.93	2.12	2.27			0	0.33	0	0				
84			2.11	2.11	0	0			1.74	5.12	0	0				
85			0	0	4.41	4.41			0	0	0	0.33				
86			0	0	0	0			0	0	0	0				
87			1.93	0	0	0			1.42	3.11						
88			2.1	0	3.17	3.19			1.87	3.11						
89			1.93	1.92	2.66	0			1.67	1.74						
90			1.59	0	0	3.17			0	0						
91			0.8	0	3.19	0			3.11	3.11						
92			2.36	2.36	3.19	3.19			0	3.11						
93			2.24	1.6	3.19	3.19			3.11	3.11						
94			1.58	1.56	0	0			0	0.34						
95			1.64	1.62	3.13	3.13			0	0.34						
96			1.58	1.62	0	0			2.82	3.11						
97			1.58	1.56	3.19	3.19			0	0						
98			0	0	3.19	3.19			0.85	0.92						
99			0	0	0.36	0.36			0.89	0.93						
100			1.58	0	0	0			0	0						
101			3.18	0					1.79	1.74						
102			3.18	0					3.23	3.1						
103			2.01	2.01					0	0						
104			2.01	2.01					0	0						
105			0	0					0	0						
106			3.12	0					0	0						
107			2.07	3.12					3.23	3.09						
108			0.41	0					1.74	1.74						
109			0	0					0	0						
110			2.15	0					1.75	1.3						
111			0	0					0.34	0.74						
112			0	0					0	1.39						
113			0	0					3.2	3.1						
114			0	0					0.49	0.64						
115			0	0					0	0						
116			0	0					1.17	1.29						
117			0	0					1.79	1.74						
118			0	0					0	0.74						
119			0	0					1.17	1.28						
120			3.12	0					2.04	1.82						
121			0	0					0	0						
122			3.12	3.12					0	0						
123			3.12	3.12					0	0.36						
124			0	0					0	0.36						
125			3.12	3.12					3.16	3.1						
126			3.12	0					0	0.36						
127			2.42	0					0	0						
128			0	0					0	0						
129			2.41	0					0	0						
130			3.18	3.17					0	0						
131			3.12	3.12					0	0						
132			3.12	0					0	0						
133			0	0					3.13	0						
134			3.12	3.12					0	0						
135			3.12	3.12					1.74	1.74						
136			2.45	2.33					0	0						
137			1.68	1.65					0	0						
138			1.77	1.87					0	0						
139			2.45	2.33					0	0						
140			2.61	0.32					3.13	3.1						
141			2.54	0					0	0						
142			3.12	0					0	0						
143			0	0					0	0						
144			0	0					0	0						
145			0	0					3.13	3.09						
146			2.54	0					0	0						
147			2.54	0					0	0						
148			2.54	0					0	0						
149			2.54	0					0	0						
150			4.76	0					0	0						
151			4.13	0					0	0						
152			0	0					0	0						
153			0	0					0	0						
154			0	0					3.13	3.1						
155			3.12	0					0	0						
156			3.12	0					3.13	3.09						
157			3.12	0					0	0						
158			0	0					0	1.73						
159			0	0					1.74	1.73						
160			0	0					1.12	1.83						
161			2.64	2.62					3.13	0						
162			3.18	3.16					0	0						

	IC203		IC201		IC301		IC3F1		IC501		IC305		IC2A1		IC2M1	
PIN	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY
163			3.18	3.15					0	0						
164			2.02	0					0	0						
165			2.08	0					0	0						
166			2.09	0					0	0						
167			1.57	0					0	0						
168			2.51	0					0	0						
169			1.6	1.57					3.13	3.1						
170			3.13	3.01					3.13	0						
171			2.53	0					0	0						
172			0	0					0.44	0.6						
173			3.11	0					0.4	2.15						
174			3.11	0					2.2	2.15						
175			3.11	3.1					0	0						
176			0	0					0.66	0.8						
177			3.12	0					0	0						
178			3.12	2.59					0.65	0.83						
179			3.11	3.03					0.65	0.79						
180			0	0					0.67	0.79						
181			0	0					0	3.1						
182			0	0					3.13	3.1						
183			0	0					0	0						
184			0	0					3.13	3.1						
185			0	0					0	0						
186			3.17	0					0	0						
187			0.69	0					0	0						
188			3.18	3.12					0	0						
189			0.66	0.77					0	3.1						
190			0.65	0					0	0						
191			0.67	0.87					0	0						
192			0	0					0	1.75						
193			2.21	2.17					3.13	3.09						
194			0.41	0					3.13	3.16						
195			0.45	0					0	0						
196			0	0					3.13	3.1						
197			0	0					0	0						
198			0	0					3.13	0						
199			0	3.12					3.13	3.1						
200			0	0					0	3.1						
201			0	0					0	0						
202			0	1.22					3.18	0						
203			0	1.22					3.18	3.1						
204			0	0					0	0						
205			3.11	3.11					0	0						
206			1.53	3.11					0	3.1						
207			3.12	0					0	0						
208			3.12	3.12					0.37	0						
209									0	0						
210									3.13	3.1						
211									0	0						
212									0	0						
213									0	0						
214									0	0						
215									0	0						
216									0	0						
217									0	0						
218									0	0						
219									0	0						
220									0	3.12						
221									0	0						
222									0	0						
223									0	0						
224									0	0						
225									3.13	0						
226									0	0						
227									0	0.41						
228									0	0						
229									0	0						
230									0	0						
231									0	0						
232									0	0.43						
233									3.24	0						
234									0	0.45						
235									0	0.34						
236									0	0						
237									0	0						
238									0	0						
239									0	0						
240									0	0.36						
241																
242																
243																

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	IC901		IC451		IC401		IC454		IC453		IC452		IC402		IC801	
PIN	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY
1	0	0	0	0	2.98	2.98	5.51	5.51	5.41	5.42	5.49	0	5.47	5.47	1.83	1.81
2	5.1	5.05	3.15	3.15	3.26	3.26	5.51	5.51	5.41	5.42	5.49	5.51	5.47	5.47	0	0
3	0	0	3.15	3.15	0	0	5.51	5.51	5.41	5.41	5.49	5.51	5.47	5.47	1.83	1.81
4	5.14	5.14	3.15	3.14	1.57	0	0	0	0	0	0	0	0	0	0	0
5	0.48	0	3.15	3.15	1.58	1.58	5.51	5.51	5.41	5.41	5.49	5.51	5.47	5.47	0	0
6	0.48	0	3.15	3.15	1.3	0	5.51	5.51	5.41	5.42	5.49	5.51	5.47	5.47	4.59	4.57
7	5.17	5.17	3.15	3.15	0	0	5.51	5.51	5.41	5.41	5.49	0	5.47	5.47	1.84	1.82
8	2.22	2.21	2.43	2.42	3.24	3.24	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	0	0
9	2.35	2.35	2.48	2.46	0	0									1.84	1.82
10	0	0	2.43	2.42	3.2	3.19										
11	2.26	2.24	2.48	0	4.85	4.84										
12	2.46	2.45	0	0	2.31	0										
13	0	0	0	0	2.35	0										
14	5.17	5.16	0	0	2.35	0										
15	5.17	5.16	2.43	2.43	0	0										
16	5.1	5.06	2.47	3.14	0	0										
17	0	0	2.45	0	4.91	0										
18	0	0	0	0	2.34	2.34										
19	5.16	5.16	4.91	4.88	2.34	2.33										
20	5.14	5.14	0	0	0	0										
21	5.01	5.02	0	0												
22	0	0	0	0												
23	0	0	4.91	0												
24	0	0	0	0												
25	2.68	2.68	4.9	4.88												
26	5.17	5.17	0	0												
27	5.17	5.17	0	0												
28	4.77	4.87	0	0												
29	5.07	5.06	0	0												
30	21.58	18	4.91	4.88												
31	23.58	18	0	0												
32	23.6	23	4.91	4.88												
33	27.54	21.21	0	0												
34	23.6	17.18	0.36	0												
35	23.6	22.91	0	0												
36	21.6	19.14	3.24	3.23												
37	21.61	25.01	3.19	3.19												
38	23.65	23.06	2.93	3.92												
39	23.65	23.09	0	0												
40	23.57	23.08	0	0												
41	25.6	23.07	1.3	1.31												
42	25.6	25.03	1.48	1.47												
43	25.6	25.03	1.57	0												
44	25.6	23.07	1.58	1.58												
45	27.6	25.07	0	0												
46	27.6	21.16	3.15	3.15												
47	27.5	25.11	0	0												
48	27.5	24.76	0	0												
49	27.5	27.86	0	0												
50	27.5	26.88	0	0												
51	6.73	6.69	3.15	3.14												
52	25.7	25.13	0	0												
53	25.6	25.08														
54	25.6	25.16														
55	25.6	25.15														
56	25.6	25.08														
57	25.6	25.13														
58	27.7	27.08														
59	5.16	5.15														
60	5.16	5.16														
61	5.16	5.16														
62	5.16	5.16														
63	0	0														
64	0	0														

	IC503		IC502		IC2A4		IC2A2		IC206		IC504		IC506	
PIN	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY
1	0	0	0	0	4.87	4.39	1.57	1.56	2.63	2.64	2.11	2.19	(IN)0	0
2	3.1	3.1	5.03	5.03	2.3	2.31	1.57	1.56	2.74	0	5.05	5.05	(OUT)1.80	0
3	5.03	5.03	0	0	2.29	2.29	1.57	0	2.74	2.76	2.37	2.44		
4	0	0	5.1	5.1	0	0	0	0	0	0	0	0		
5	0	0	0	0	2.29	2.29	1.62	1.62	1.92	1.88				
6	0	0	5.04	5.04	2.3	2.31	1.62	1.62	2.28	0				
7	5.05	5.05	0	0	2.51	2.45	1.62	1.62	2.28	0				
8	0	3.15	5.03	5.04	5.02	5.02	5.04	4.99	5.04	0				
9	0	0												
10	0	0												
11	0	0.46												
12	0	0.15												
13	3.11	3.1												
14	0	0												
15	0	0												
16	0	0												
17	3.09	3.09												
18	5.15	5.14												
19	0	0												
20	5.15	5.15												

	Q2M1		Q2A1		Q2A6		Q2A5		Q2A2	
	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY
E	0	0	5.02	0	0	2.41	2.34	2.35	5.02	4.95
B	0	0	0	0	3.62	3.72	3.82	0	0	0
C	0	3.14	0	0	0	3.1	0	0	5.01	4.94

	Q610		Q611		Q609		Q613		Q614		Q612	
PIN	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY
Emitter	0	0	0	0	0	0	0	0	0	0	0	0
Collector	0	0	0	0	0	0	0	0	0	0	0	
Base	0.77	0.78	0.77	0.77	0.76	0.77	0.76	0.77	0.77	0.77	0.76	0.79

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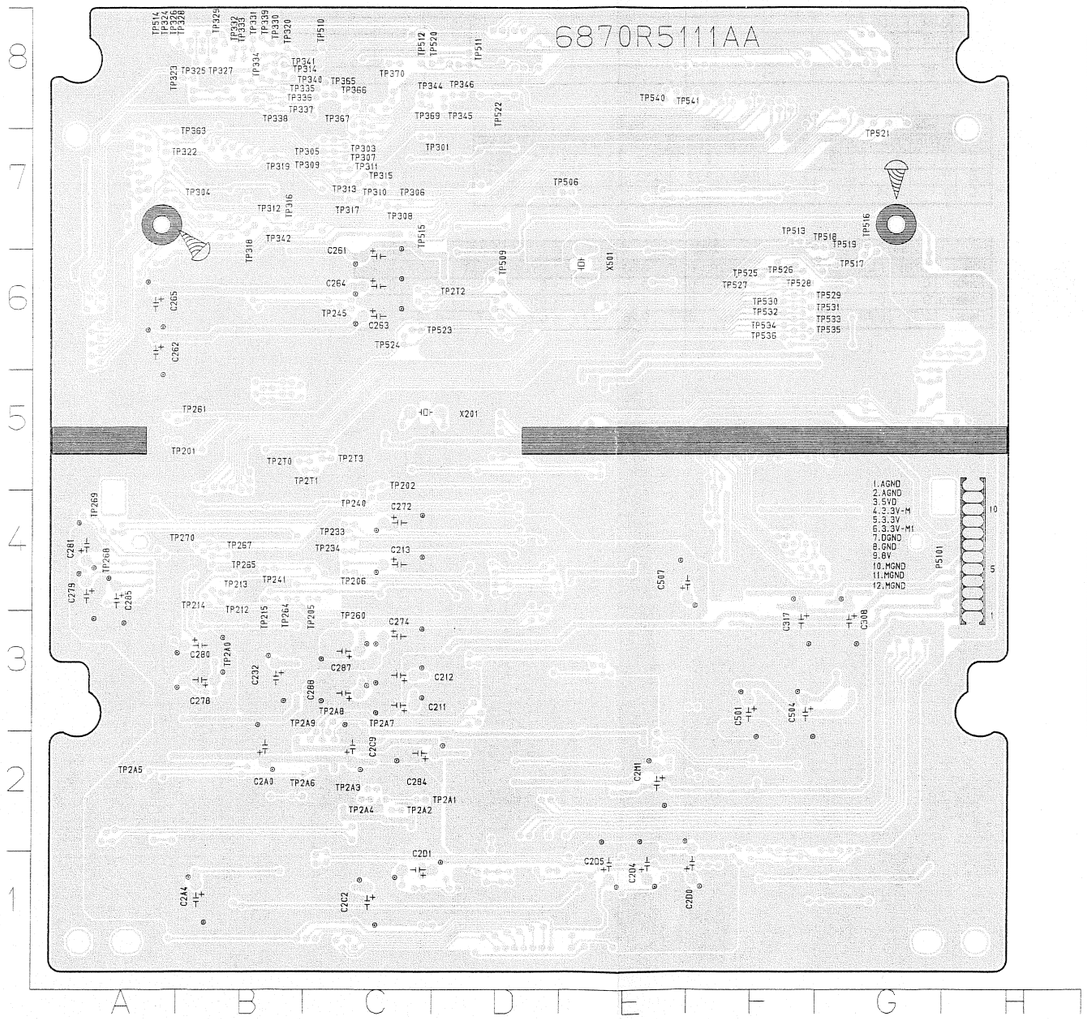
PRINTED CIRCUIT DIAGRAM

· DVD P.C. BOARD(SOLDER SIDE)



TP201	B5	TP306	C7	TP363	A7
TP202	C5	TP307	C7	TP365	C8
TP205	C4	TP308	C7	TP366	C8
TP206	C4	TP309	C7	TP367	C8
TP212	B4	TP310	C7	TP369	C8
TP213	B4	TP311	C7	TP370	C8
TP214	B4	TP312	B7	TP506	E7
TP215	B4	TP313	C7	TP509	D6
TP233	C4	TP314	B8	TP510	C8
TP234	C4	TP315	C7	TP511	D8
TP240	C4	TP316	B7	TP512	C8
TP241	B4	TP317	C7	TP513	F7
TP245	C6	TP318	B7	TP514	B8
TP260	C3	TP319	B7	TP515	C7
TP261	B5	TP320	B8	TP516	G6
TP264	B4	TP322	A7	TP517	G6
TP265	B4	TP323	B8	TP518	G7
TP267	B4	TP324	B8	TP519	G6
TP268	A4	TP325	B8	TP520	C8
TP269	A4	TP326	B8	TP521	G8
TP270	B4	TP327	B8	TP522	D8
TP2A0	B3	TP328	B8	TP523	C6
TP2A1	C2	TP329	B8	TP524	C6
TP2A2	C2	TP330	B8	TP525	F6
TP2A3	C2	TP331	B8	TP526	F6
TP2A4	C2	TP332	B8	TP527	F6
TP2A5	A2	TP333	B8	TP528	F6
TP2A6	C2	TP334	B8	TP529	F6
TP2A7	C3	TP335	B8	TP530	F6
TP2A8	C3	TP336	B8	TP531	F6
TP2A9	C3	TP337	B8	TP532	F6
TP2T0	B5	TP338	B8	TP533	F6
TP2T1	C5	TP339	B8	TP534	F6
TP2T2	C6	TP340	B8	TP535	F6
TP2T3	C5	TP341	B8	TP536	F6
TP301	C7	TP342	B7	TP540	E8
TP303	C7	TP344	C8	TP541	E8
TP304	B7	TP345	D8		
TP305	C7	TP346	D8		

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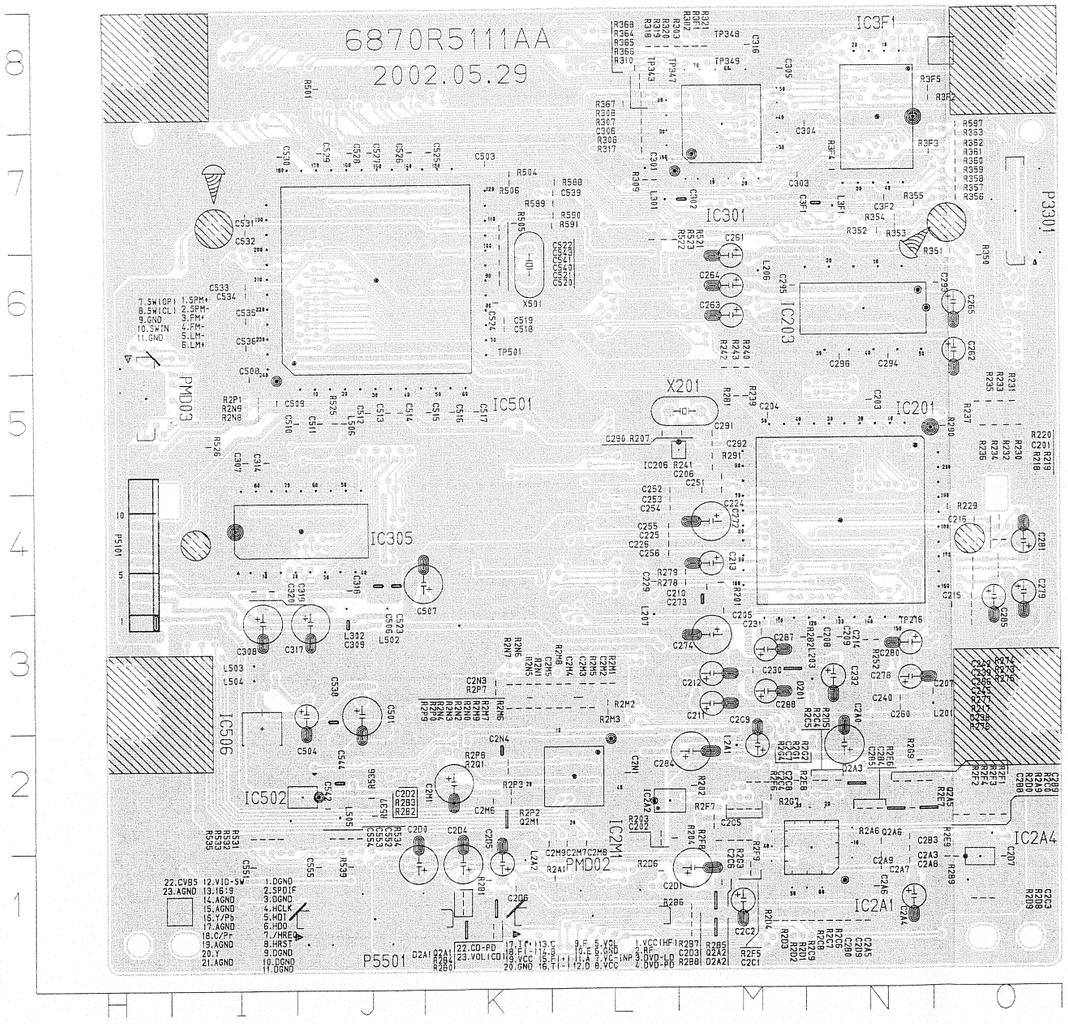
• DVD P.C. BOARD(COMPONENT SIDE)



C201	04	C285	04	C2M6	K2	C527	J7	L502	J4	R290	05	R2G7	M2	R358	07
C202	L2	C286	04	C2M7	L2	C528	J7	L503	I3	R291	M5	R2G9	N2	R359	07
C203	N5	C287	M3	C2M8	L2	C529	J7	L504	I3	R2A1	L1	R2M1	L3	R360	07
C204	M5	C288	M3	C2M9	K2	C530	I7	L505	J2	R2A6	N2	R2M2	L3	R361	07
C205	M3	C290	L5	C2N1	L2	C531	I7	L506	J5	R2A9	02	R2M3	L3	R362	07
C206	M5	C291	M5	C2N3	K3	C532	I7	P3301	07	R2B0	K1	R2M5	L3	R363	07
C207	N3	C292	M5	C2N4	K2	C533	I6	P5101	H3	R2B1	K1	R2M6	L3	R364	L8
C208	N3	C293	06	C301	L7	C534	I6	P5501	J1	R2B2	K1	R2M7	L3	R365	L8
C209	N3	C294	N6	C302	M7	C535	I6	PMD02	L1	R2B3	K1	R2M8	L3	R366	L8
C210	M4	C295	M6	C303	M7	C536	I6	PMD03	H5	R2B4	K1	R2M9	L3	R367	L8
C211	M3	C296	N6	C304	N8	C538	J3	Q2A1	K1	R2B5	M1	R2N0	L3	R368	L8
C212	M3	C2A0	N2	C305	M8	C539	L7	Q2A2	M1	R2B6	M1	R2N1	K3	R3F1	M8
C213	M4	C2A3	N1	C306	L7	C540	K6	Q2A5	N2	R2B7	M1	R2N2	K3	R3F2	N8
C214	N3	C2A4	N1	C307	I5	C541	K7	Q2A6	N2	R2B8	M1	R2N3	K3	R3F3	N7
C215	04	C2A5	N1	C308	I3	C542	J2	Q2M1	K2	R2B9	01	R2N4	K3	R3F4	N7
C216	04	C2A6	N1	C309	J3	C543	K7	R201	M4	R2C0	02	R2N5	K3	R3F5	N8
C224	M4	C2A7	N1	C314	I5	C544	J2	R202	M2	R2C4	N2	R2N6	K3	R501	J8
C225	L4	C2A8	N1	C316	M8	C551	I1	R203	L2	R2C5	N2	R2N7	K3	R504	K7
C226	L4	C2A9	N1	C317	J3	C552	J2	R204	L2	R2C6	N1	R2N8	I5	R505	K7
C229	L4	C2B0	N1	C318	J4	C553	J2	R207	M5	R2C7	N1	R2N9	I5	R506	K7
C230	M3	C2B3	N2	C319	I4	C554	J2	R217	04	R2C8	N1	R2P0	K3	R521	L7
C231	M3	C2B4	N2	C320	I4	C555	J1	R218	04	R2C9	N1	R2P1	I5	R522	L7
C232	N3	C2B5	N2	C3F1	N7	D201	M3	R219	04	R2D0	02	R2P2	K2	R523	L7
C238	03	C2B8	02	C3F2	N7	D2A1	K1	R220	04	R2D1	M1	R2P3	K2	R525	J5
C239	04	C2B9	02	C501	J3	D2A2	M1	R229	04	R2D2	M1	R2P7	K3	R526	I5
C240	N3	C2C1	M1	C503	K7	D2A3	N2	R230	05	R2D3	M1	R2P8	K2	R531	I2
C242	04	C2C2	M1	C504	J3	IC201	N4	R231	05	R2D4	M1	R2P9	K3	R532	I2
C245	04	C2C3	01	C506	J4	IC203	N6	R232	05	R2D5	N2	R2Q1	K2	R533	I2
C251	M4	C2C4	M2	C507	J4	IC206	M5	R233	05	R2D6	L1	R302	M8	R534	J2
C252	L4	C2C5	M2	C508	I5	IC2A1	N2	R234	05	R2D8	01	R303	M8	R535	I2
C253	L4	C2C6	M2	C509	I5	IC2A2	L2	R235	05	R2D9	01	R306	L7	R536	J2
C254	L4	C2C7	M2	C510	J5	IC2A4	01	R236	05	R2E6	N2	R307	L8	R537	J2
C255	L4	C2C8	M2	C511	J5	IC2M1	L2	R237	05	R2E7	N2	R308	L8	R539	J1
C258	L4	C2C9	M2	C512	J5	IC301	M8	R239	M5	R2E8	M2	R309	L7	R588	L7
C260	N3	C2D0	J1	C513	J5	IC305	J4	R240	M6	R2E9	01	R310	L8	R589	L7
C261	M6	C2D1	M1	C514	J5	IC3F1	N8	R241	M5	R2F1	N2	R317	L7	R590	L7
C262	06	C2D2	K1	C515	K5	IC501	J6	R242	M6	R2F2	N2	R318	L8	R591	L7
C263	M6	C2D3	M1	C516	K5	IC502	J2	R243	M6	R2F3	N2	R319	L8	R597	08
C264	M6	C2D4	K1	C517	K5	IC506	I3	R252	N3	R2F4	N2	R320	L8	TP216	N3
C265	06	C2D5	K1	C518	K6	L201	N3	R273	04	R2F5	M1	R321	M8	TP343	L8
C272	M4	C2D6	K1	C519	K6	L203	N3	R274	04	R2F6	M2	R350	06	TP347	L8
C273	M4	C2D7	01	C520	K6	L206	M6	R275	04	R2F7	M2	R351	06	TP348	M8
C274	M3	C2D9	N1	C521	K6	L207	L3	R276	03	R2F8	M2	R352	N7	TP349	M8
C278	N3	C2M1	K2	C522	K7	L2A1	M2	R277	04	R2F9	M2	R353	N7	TP501	K6
C279	04	C2M2	L3	C523	J4	L2A2	K1	R278	M4	R2G1	M2	R354	N7	X201	M5
C280	N3	C2M3	L3	C524	K6	L301	L7	R279	M4	R2G2	M2	R355	N7	X501	K6
C281	04	C2M4	L3	C525	K7	L302	J4	R281	M5	R2G3	M2	R356	07		
C284	M2	C2M5	K3	C526	J7	L3F1	N7	R282	M3	R2G4	M2	R357	07		

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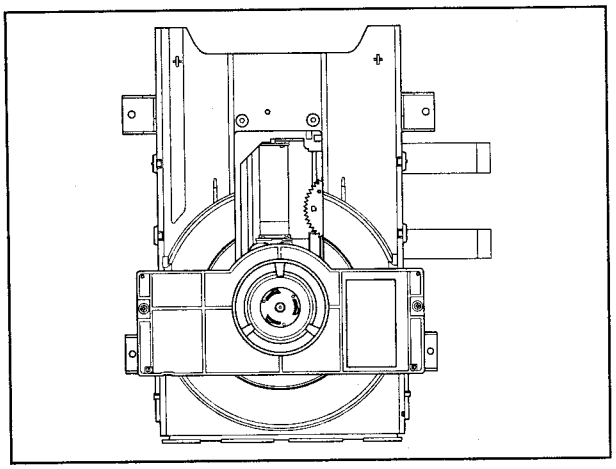
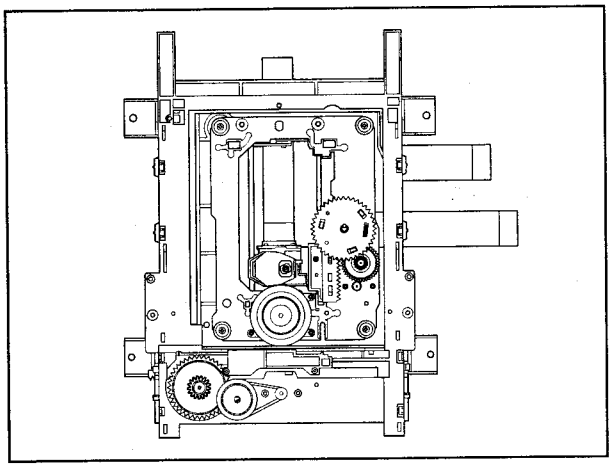
SECTION 4. MECHANSIM

■ DECK MECHANISM PARTS LOCKATION

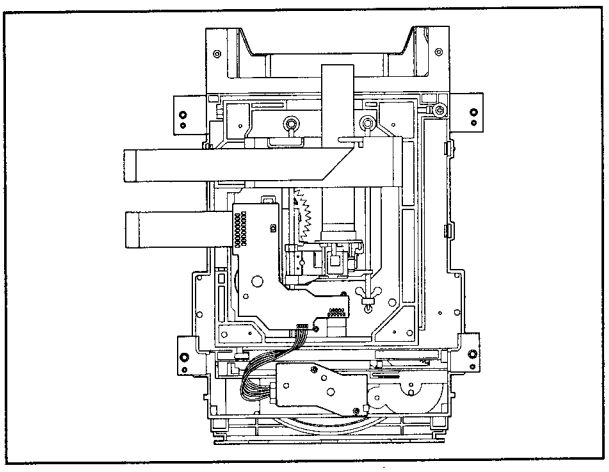
• Top View(With Tray)



• Top View(Without Tray)



• Bottom View



Procedure Starting No.		Parts	Fixing Type	Disassembly	Figure
	1	Holder Clamp	2 Screws, 2 Locking Tabs		4-1
1	2	Clamp Assembly Disc			4-1
1, 2	3	Plate Clamp			4-1
1, 2, 3	4	Magnet Clamp			4-1
1, 2, 3, 4	5	Clamp Upper			4-1
1	6	Tray Disc			4-2
1, 6	7	Base Assembly Sled			4-3
1, 2, 6	8	Gear Assembly Feed	4 Screws, 1 Connector 1 Locking Tabs		4-3
1, 2, 6, 8	9	Gear Middle			4-3
1, 2, 6, 8, 9	10	Gear Assembly Rack	1 Screw		4-3
1, 2, 7	11	Rubber Rear			4-3
1, 2, 7	12	Frame Assembly Up/Down	1 Screw	Bottom	4-4
1, 2	13	Belt Loading	1 Locking Tab		4-4
1, 2 ,13	14	Gear Pulley			4-4
1, 2, 13, 14	15	Gear Loading	1 Locking Tab		4-4
1, 2, 7, 12, 13, 14	16	Guide Up/Down			4-4
1, 2, 13	17	PWB Assembly Loading	1 Locking Tab 1 Hook 2Screw	Bottom	4-4
1, 2, 7, 12, 13, 14, 15, 16, 17	18	Base Main	2 Locking Tabs		4-4

Note

When reassembling, perform the procedure in reverse order.

The "Bottom" on Disassembly column of above Table indicates the part should be disassembled at the Bottom side.

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■ DECK MECHANISM DISASSEMBLY

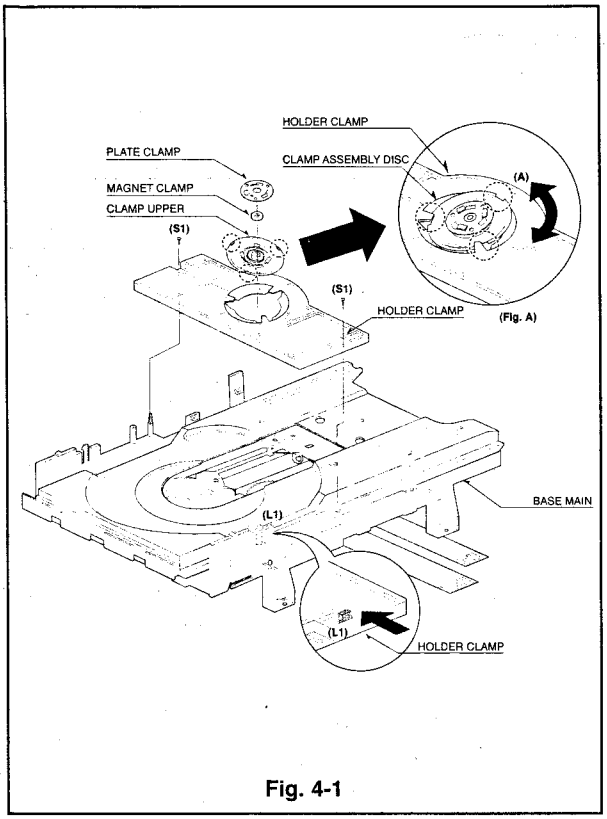

Fig. 4-1

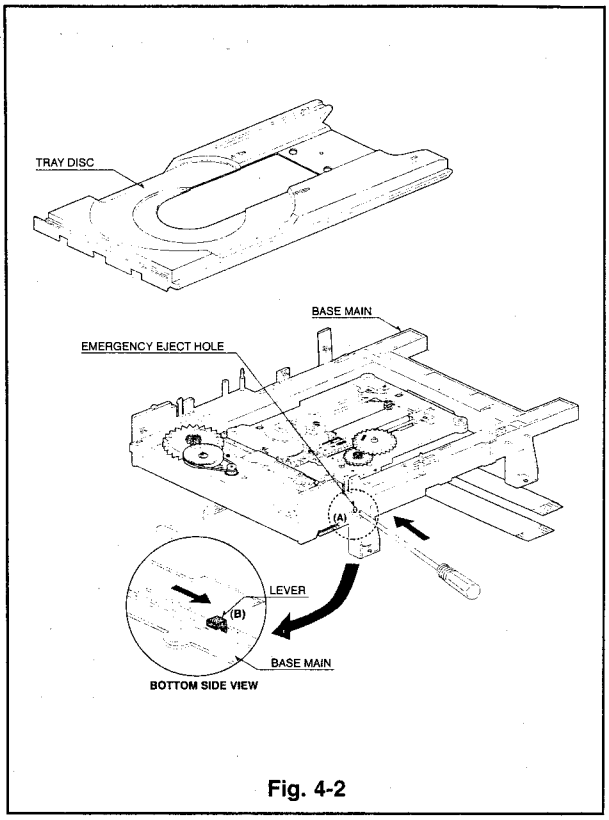

Fig. 4-2

1. Holder Clamp (Fig. 4-1)

1) Release 2 Screws(S1).
2) Unhook 2 Locking Tabs(L1).
3) Lift up the Holder Clamp and then separate it from the Base Main.

1-1. Clamp Assembly Disc

1) Place the Clamp Assembly Disc as Fig. (A)
2) Lift up the Clamp Assembly Disc in direction of arrow(A).
3) Separate the Clamp Assembly Disc from the Holder Clamp.

1-1-1. Plate Clamp

1) Turn the Plate Clamp to counterclockwise direction and then lift up the Plate Clamp.

1-1-2. Magnet Clamp

1-1-3. Clamp Upper

2. Tray Disc (Fig. 4-2)

1) Insert and push a Driver in the emergency eject hole(A) at the right side, or put the Driver on the Lever(B) of the Gear Emergency and pull the Lever(B) in direction of arrow so that the Tray Disc is ejected about 15~20mm.
2) Pull the Tray Disc until it is separated from the Base Main completely.

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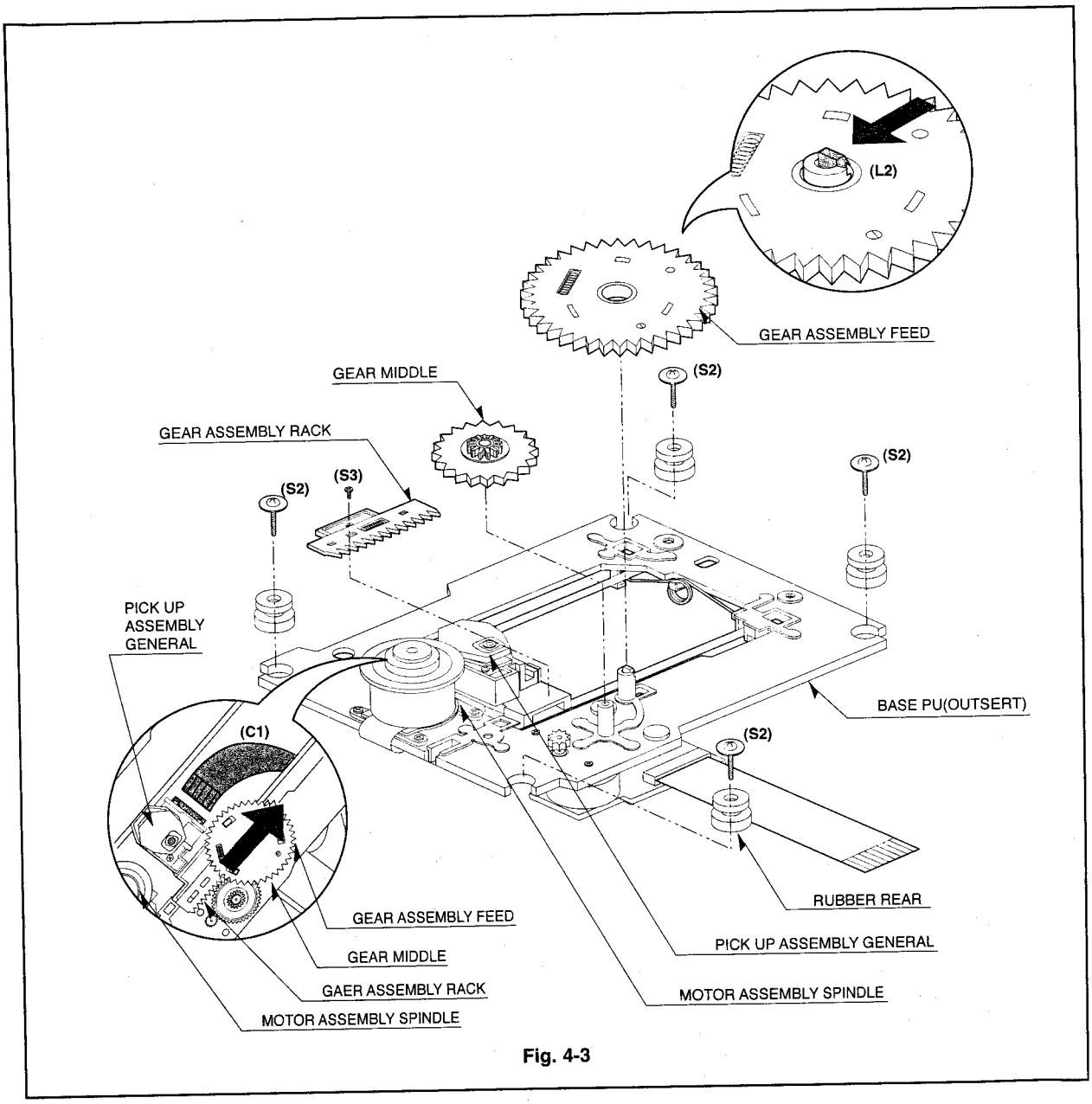

Fig. 4-3

3. Base Assembly Sled (Fig. 4-3)

1) Release 4 Screw(S2).
2) Disconnect the FFC Connector(C1)

3-1. Gear Assembly Feed

1) Unhook the Locking Tab(L2) in direction of arrow.

3-2. Gear Middle

3-3. Gear Assembly Rack

1) Release the Scerw(S3)

4. Rubber Rear (Fig. 4-3)

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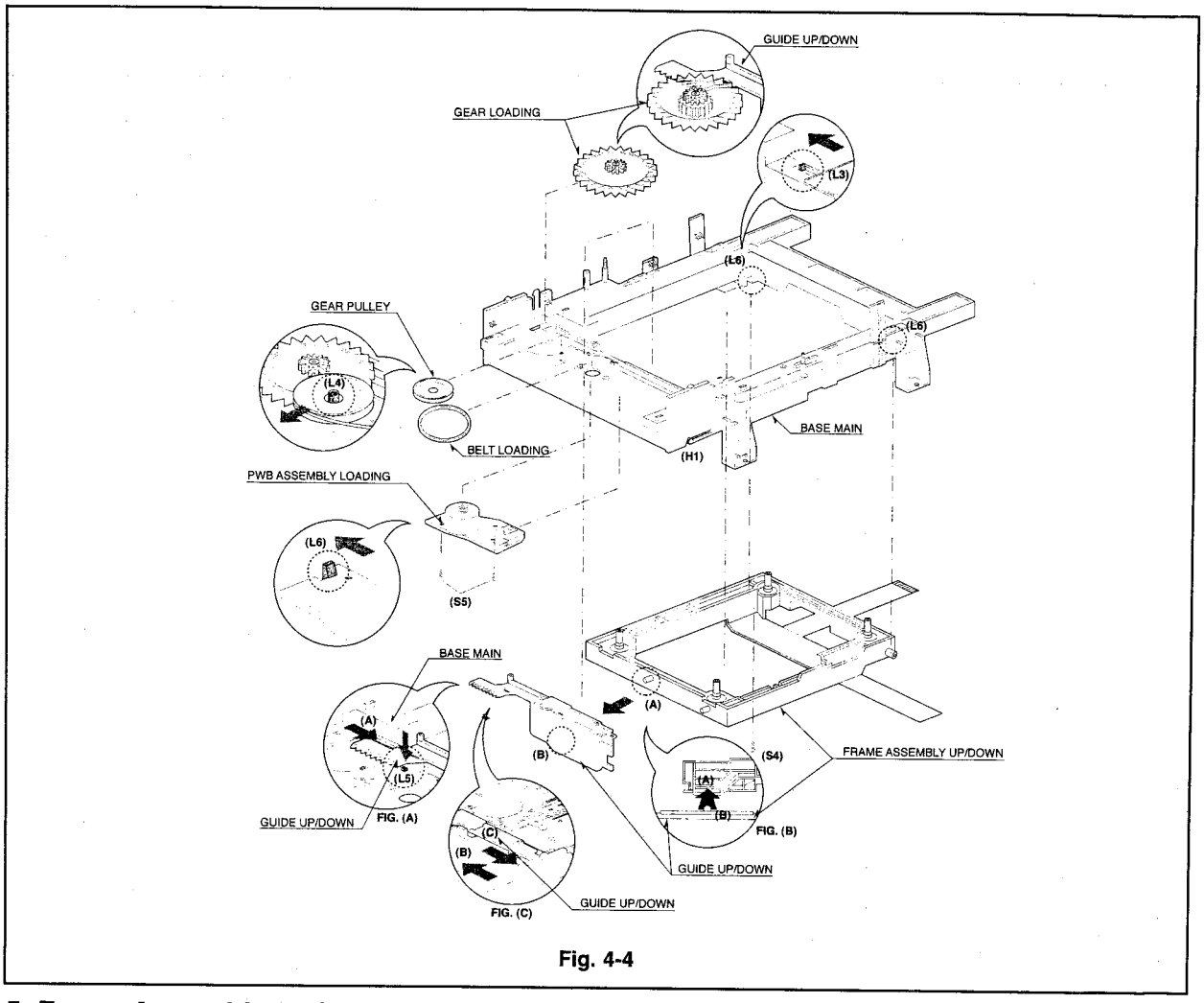

Fig. 4-4

5. Frame Assembly Up/Down

Note

Put the Base Main face down(Bottom Side)

1) Release the Screw(S4)
2) Unlock the Locking Tab(L3) in direction of arrow and then lift up the Frame Assembly Up/Down to separate it from the Base Main.

Note

- When reassembling move the Guide Up/Down in direction of arrow(C) until it is positioned as Fig.(C).
- When reassembling insert (A) portion of the Frame Assembly Up/Down in the (B) portion of the Guide Up/Down as Fig.(B)

6. Belt Loading(Fig. 4-4)

Note

Put the Base Assembly Main on original position(Top Side)

7. Gear pulley (Fig. 4-4)

1) Unlock the Locking Tab(L4) in direction of arrow(B) and then separate the Gear Pulley from the Base Main.

8. Gear Loading (Fig. 4-4)

9. Guide Up/Down (Fig. 4-4)

1) Move the Guide Up/Down in direction of arrow(A) as Fig.(A)
2) Push the Locking Tab(L5) down and then lift up the Guide Up/Down to separate it from the Base Main.

Note

When reassembling place the Guide Up/Down as Fig.(C) and move it in direction arrow(B) until it is locked by the Locking Tab(L5). And confirm the Guide Up/Down as Fig.(A)

10. PWB Assembly Loading

Note

Put the Base Main face down(Bottom Side)

1) Release 2 Screws(S5)
2) Unkool the Loading Motor Connector (C2) from the Hook (H1) on the Base Main.
3) Unlock 2 Locking Tabs(L6) and separate the PWB Assembly Loading from the Base Main.

11. Base Main(Fig. 4-4)

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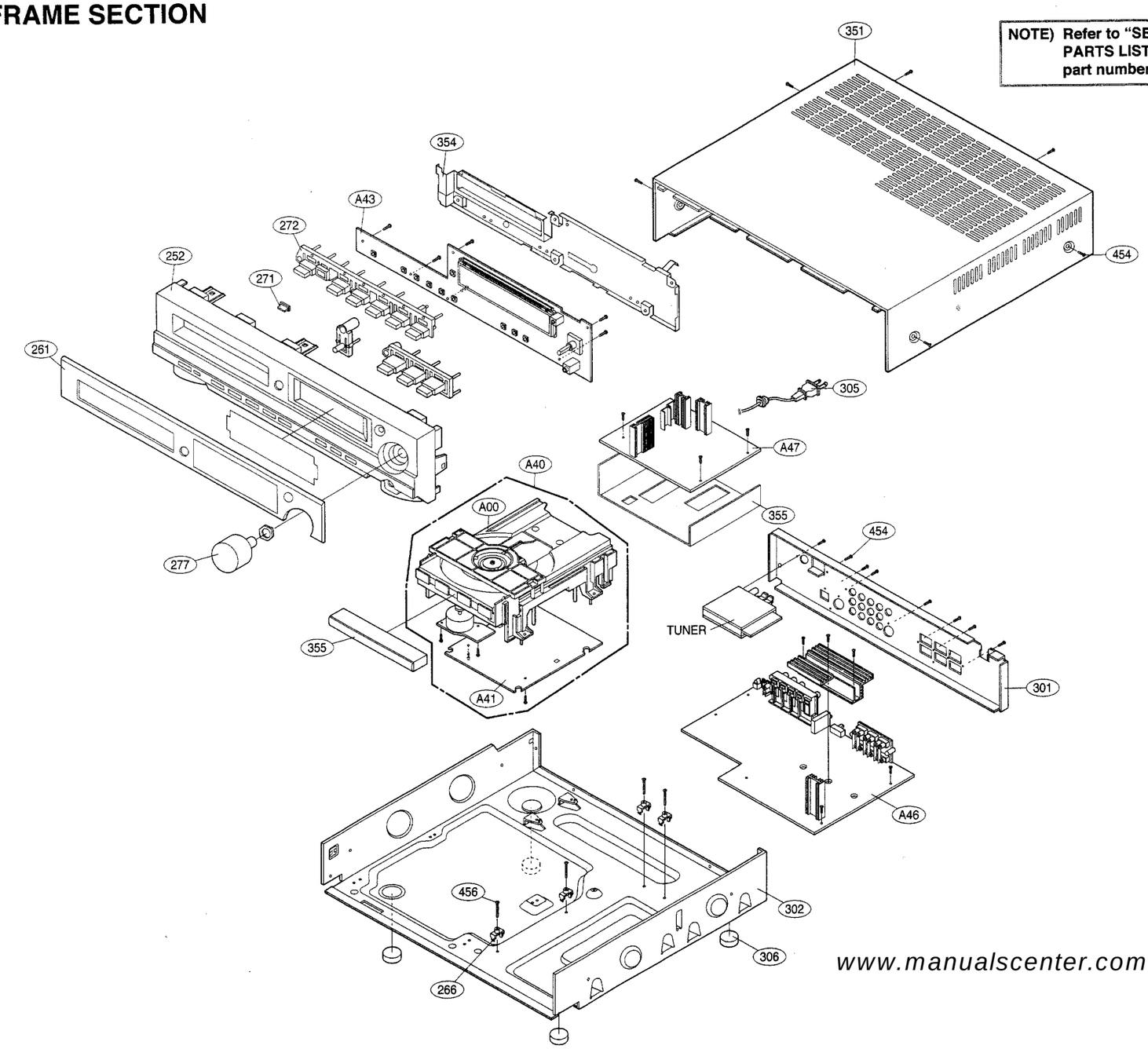
SECTION 5. EXPLODED VIEWS

• CABINET AND MAIN FRAME SECTION



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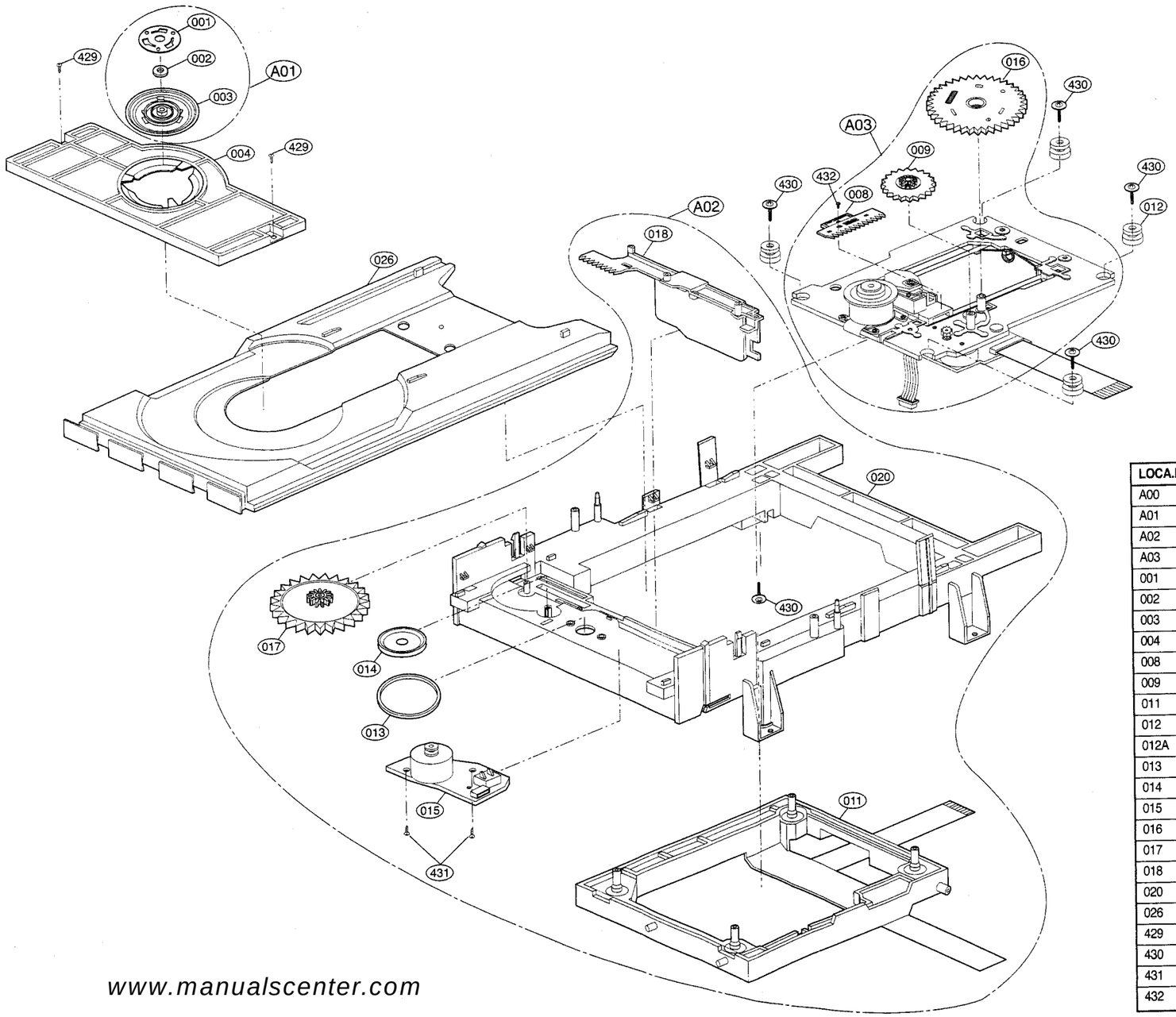
• Deck Mechanism Exploded View



LOCA.NO.	PART NO	DESCRIPTION	SPECIFICATION
A00	6721RJ0354A	DECK ASSEMBLY,VIDEO	DP-5RM MULTI -HZ
A01	4861R-0006B	CLAMP ASSEMBLY	DISC(DP2)-SH
A02	3041R-0057A	BASE ASSEMBLY	MAIN(DP-4R MULTI)-HZ
A03	3041R-D001A	BASE ASSEMBLY	DP5 MULTI (SLED)- HZ
001	3300R-0547A	PLATE	CLAMP
002	5016H-1016B	MAGNET	CLAMP(LDM-R608,10*5,1*1.5T)
003	4860R-0006A	CLAMP	UPPER
004	4930R-0171A	HOLDER	CLAMP
008	4470R-0047A	GEAR	ASSY RACK
009	4470R-0053A	GEAR	MIDDLE
011	3210R-0058A	FRAME	UP/D (MULTI)
012	5040R-0047B	RUBBER	DAMPER(E2,5040H-1054A),CHUNPOO
012A	5040R-0047D	RUBBER	DAMPER(HARDNESS=30),DARKGREEN
013	4400R-0006A	BELT	LOADING
014	4470R-0055A	GEAR	PULLEY
015	6871R-4415E	PWB(PCB) ASSEMBLY,TOTAL	LOADING DP-4R MULTI HZ
016	4470R-0050A	GEAR	ASSY FEED
017	4470R-0056A	GEAR	LOADING
018	4974R-0023A	GUIDE	UP/DOWN
020	3040R-0076A	BASE	MAIN(DP-5RM MULTI)
026	3390R-0012A	TRAY	DISC(DP-5RM MULTI)
429	1SZZR-0012A	SCREW,	B-TITE
430	1SZZH-1003A	SCREW,	+ D2.0 6MM SWRCH16A/NIY,5MM
431	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK4MM 1
432	1SZZR-0011A	SCREW,	MACHINE

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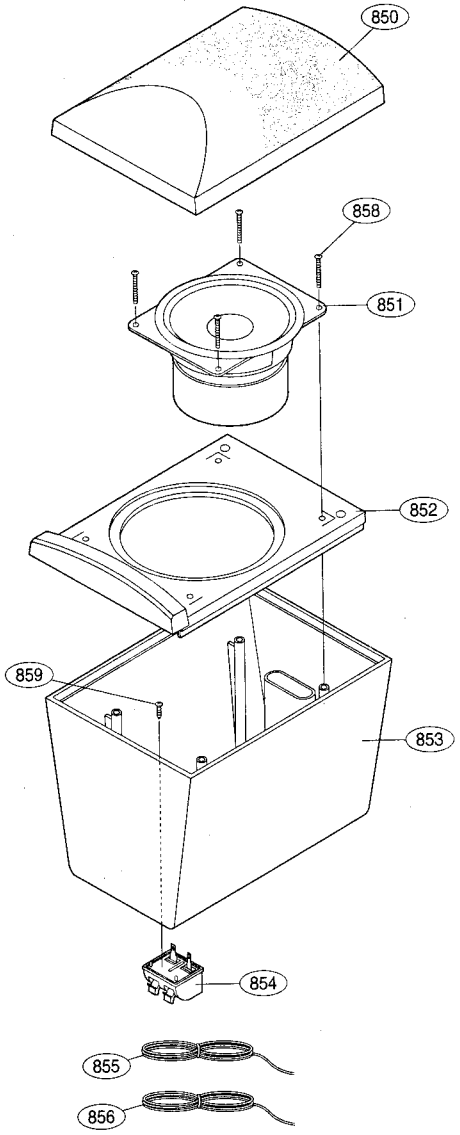
SECTION 6. SPEAKER PART

MODEL: FE-3620TE



RUN DATE : 21.JUNE.2002

LOCA.NO.	PART NO.	DESCRIPTON	SPECIFICATION	REMARKS
850	3701RM0022A	NET ASSEMBLY	ASSY FE-3620TE STANDARD	
851	6400RMSC02B	SPEAKER,FULLRANGE	MSF-30SB30L-1 SAMMI FULL-RANGE	
852	3720RMF026A	PANEL,FRONT	FRONT FE-3620TE STANDARD	
853	3110RM0009A	CASE	REAR FE-3620TE STANDARD	
854	6871RU4116B	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	FE-3620TE 2P NEW TERMINAL 150M	
855	6871RU4117E	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	FE-3620TE HOUSING +0.16 11C 5M	
856	6871RU4117F	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	FE-3620TE HOUSING +0.16 11C 10	
857	3806RM0006B	DECO	FE-3620TE AIR PLATE	
858	353M025U	SCREW,DRAWING	+ 2 D3.0 L27.0 MSWR3/FZB	
859	353M050H	SCREW,DRAWING	+ 1 D4.0 L12.0 MSWR3/FZY FE-35	

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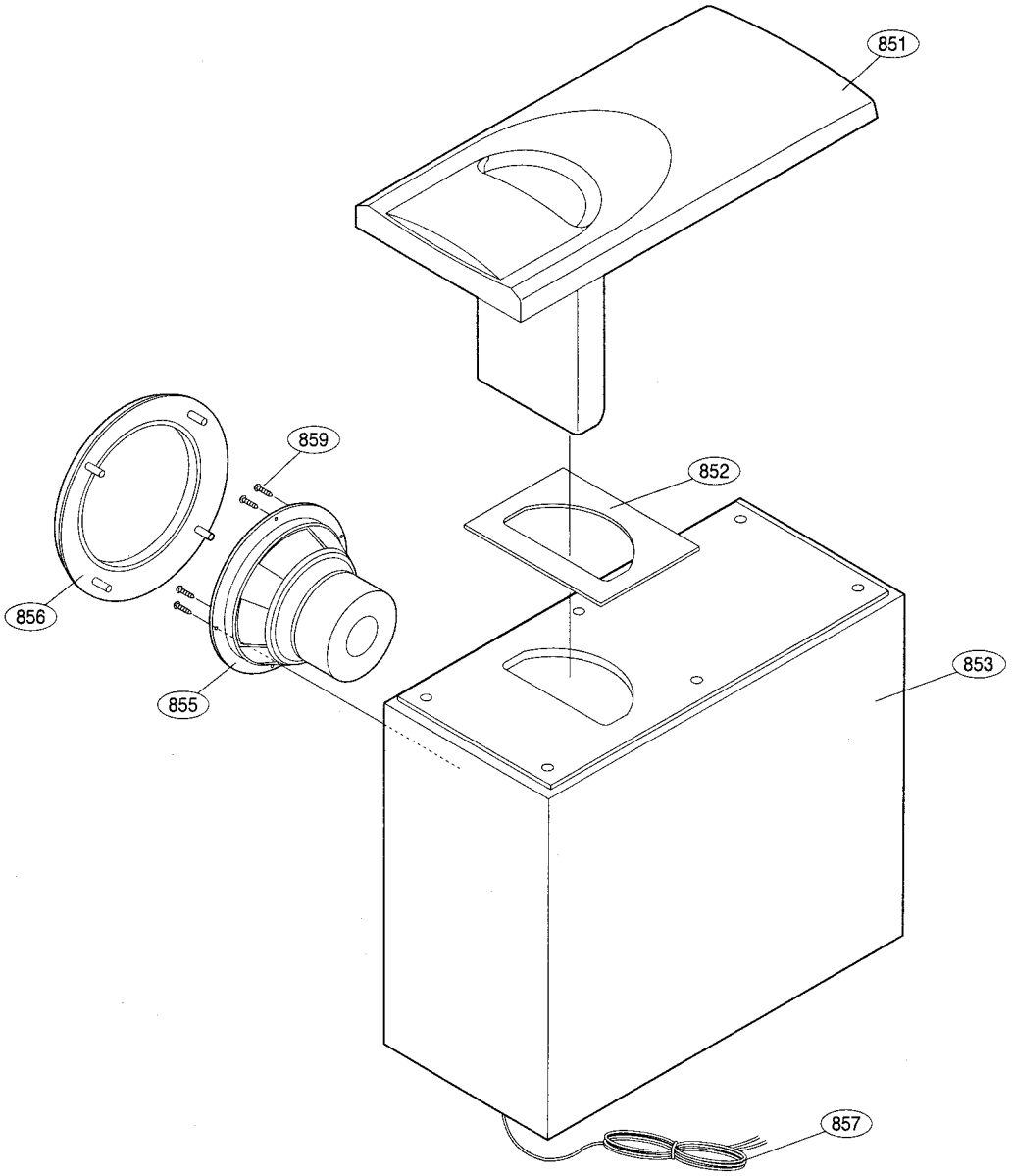
SECTION 6. SPEAKER PART

MODEL: FE-3620WE



RUN DATE : 21.JUNE.2002

LOCA.NO.	PART NO.	DESCRIPTON	SPECIFICATION	REMARKS
851	3720RMF027A	PANEL,FRONT	FRONT FE-3620WE STANDARD	
852	4766RM0006B	FELT	DUCT FE-3620WE 320X10X1T BLACK	
853	3091RMW010G	CABINET ASSEMBLY	ASSY,FE-3620WE BF/BB E-1 9T C	
855	6400RMSJ02B	SPEAKER,WOOFER	CW-165B30L-1 SAMMI WOOFER 3620	
856	3701RM0005C	NET ASSEMBLY	ASSY, FE-3620WE STANDARD	
857	6871RU3091D	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	FE-3620WE HOUSING +AWG 24 2.5M	
859	353M050C	SCREW	BH 3.5X16 FBK	

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SECTION 7. REPLACEMENT PARTS LIST

NOTE: Warning
⚠ Parts that are shaded are critical With respect to risk of fire or electrical shock.

MODEL : A : DA-3620AD(LGEFS), B : DA-3620AD(LGEBN), C : DA-3620A(LGEUK)
D : DA-3620AD(LGEMK), E : DA-3620AD(LGEES), F : DA-3630A(LGEMS)

NSP : NON SVC PART
RUN DATE : 21.JUNE.2002

Cabinet & Main Frame Section

S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARKS
										ASSEMBLY SECTION		
		A00	6721RJ0354A	O	O	O	O	O	O	DECK ASSEMBLY,VIDEO	DP-5RM MULTI -HZ	
		A40	3501R-5121B	O	O	O	O	O	O	BOARD ASSEMBLY	DVD MODULE RECEIVER 02 P2 LE B	
		A41	6871R-5121B	O	O	O	O	O	O	PWB(PCB) ASSEMBLY,TOTAL	DVD MODULE RECEIVER 02 P2 LE	
		A43	6871R-6309A	O	O	O	O	O		PWB(PCB) ASSEMBLY,TOTAL	DA-3620 FRONT TOTAL ASSY	
		A43	6871R-6309U						O	PWB(PCB) ASSEMBLY,TOTAL	DA-3620A USA,100/10K,DTS	
		A46	6871R-6308A	O	O	O	O	O	O	PWB(PCB) ASSEMBLY,TOTAL	DA-3620 MAIN TOTAL ASSY	
		A47	6871R-6316N	O	O	O	O	O		PWB(PCB) ASSEMBLY,TOTAL	DA-3620 220V NARROW SMPS	
										PARTS SECTION		
		252	3720RCM023E	O	O	O	O	O		PANEL,AUDIO	FRONT (DA-3620AD LGEBN)	
		252	3720RCM023G						O	PANEL,AUDIO	FRONT (DA-3630A,AX LGECB)	
		261	3790RCP036E	O	O	O	O	O		WINDOW,DECO	DISPLAY (DA-3620AD LGEES)	
		261	3790RCP036G						O	WINDOW,DECO	DISPLAY (DA-3630A LGECB)	
		271	3680RCA019A	O	O	O	O	O	O	LENS	POWER (DA-3525)	
		272	4940RCT066A	O	O	O	O	O	O	KNOB	POWER (DA-3525)	
		273	4940RCT067A	O	O	O	O	O	O	KNOB	BAND (DA-3525)	
		274	4940RCT068A	O	O	O	O	O	O	KNOB	OPEN/CLOSE (DA-3525)	
		277	4940RCV009A	O	O	O	O	O	O	KNOB	VOLUME MAIN (NORMAL)	
		302	3140RC0008B	O	O	O	O	O	O	CHASSIS	MAIN (DA-3620)	
⚠		305	6410RBHV05B			O				POWER CORD	MP5004A(HS-ST:250MM) VOLEX BS	
⚠		305	6410RCHZ05B	O	O		O	O		POWER CORD	CE-503/KKJ-1004A(ST-HS:250MM)	
⚠		305	6410RGHZ05B						O	POWER CORD	KJ-10/NISPT-2(ST-HS:250MM) KU	
		306	472-190L	O	O	O	O	O	O	FELT	PORON(19X3T) BLACK	
		351	3090RCP004A	O	O	O	O	O	O	CABINET	TOP (DA-5620)	
		354	3301RCM018B	O	O	O	O	O	O	PLATE ASSEMBLY	SHIELD FRONT (DA-3620 DVD RECE	
		355	3580RCC020A	O	O	O	O	O	O	DOOR,CASE	DVD (DA-3620)	
										SCREW		
		454	353-025C	O	O	O	O	O	O	SCREW	TAPTITE 3X10 FBK	
.Packing & Accessory Section												
		801	3829RDT014G		O					MANUAL ASSEMBLY,OWNERS	DA-3620AD.JA3NLLS	
		801	3829RDT014H				O			MANUAL ASSEMBLY,OWNERS	DA-3620AD.JA5HLLS	
		801	3829RDT014K	O						MANUAL ASSEMBLY,OWNERS	DA-3620AD.JA3FLLS	
		801	3829RDT014L					O		MANUAL ASSEMBLY,OWNERS	DA-3620AD.JA6SLLS	
		801	3829RDT014P						O	MANUAL ASSEMBLY,OWNERS	DA-3630A.JA1MLLS	
		801	3829RDT014S			O				MANUAL ASSEMBLY,OWNERS	DA-3620AD.JA4ULLS	
		801	3890RCC048A					O		BOX,MASTER	DA-3620AD ENG_COMMON - 1	
		802	3890RCC048A		O		O			BOX,MASTER	DA-3620AD ENG_COMMON - 1	
		802	3890RCC048A			O				BOX,MASTER	DA-3620AD ENG_COMMON - 1	
		802	3890RCC048D	O						BOX,MASTER	DA-3620AD JA3FLLS LGEFS 1	
		802	3890RCC048G						O	BOX,MASTER	DA-3630A ENG/SPA _COMMON 1	
		808	841N0015	O	O	O	O	O	O	BATTERY,MANGANESE	R03G=0012 HI WATT 1-5 V - NO M	
		811	564-017B	O	O	O	O	O	O	PLUG ASSY	PHONO CORD 1WAY (YL)	
		812	564-018B	O	O	O	O	O	O	PLUG ASSY	PHONO CORD 2WAY (RD/WH)	
		813	5010SCT001A						O	ANTENNA	533-010K SESHIN FM T LGEHZ	
		814	5010R-L002A	O	O	O	O	O	O	ANTENNA,LOOP	S0146BL-104 KWANGSUNG LOOP-ANT	
		820	6612R-K002D	O	O	O	O	O		JACK,SCART	DC-213SRA-D KSD	
.Remote Control Section												
		900	6710RCAG02A	O	O	O	O	O	O	REMOTE CONTROLLER	KIE 57KEY KYOUNGIN DA-3520/562	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
										CAPACITOR		
		C001	0CN1020K519	O	O	O	O	O	O	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA52	
		C002	0CN1020K519	O	O	O	O	O	O	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA52	
		C003	0CE2273D638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	220M SRE 10V M FM5 TP(5)	
		C004	0CN1040K949	O	O	O	O	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C005	0CN1040K949	O	O	O	O	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C006	0CN1520F569	O	O	O	O	O	O	CAPACITOR,TUBULAR(HIGH DIELEC)	1500PF 16V K X TA52	
		C007	0CN1520F569	O	O	O	O	O	O	CAPACITOR,TUBULAR(HIGH DIELEC)	1500PF 16V K X TA52	
		C008	0CN2230H949	O	O	O	O	O	O	CAPACITOR TUBULA(HIGH DIELE)	22000P 25V Z FTA52	
		C101	0CE2256K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C102	0CK1040K945	O	O	O	O	O	O	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C103	0CH4330K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C104	0CH4330K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C105	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C106	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C107	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C108	0CE227CF638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	220UF SHL,SD 16V 20% FM5 TP 5	
		C109	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C110	0CK1040K945	O	O	O	O	O	O	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C111	0CK1040K945	O	O	O	O	O	O	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C201	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C201	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C202	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C202	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C203	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C203	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C204	0CE1056K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	
		C204	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C205	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C205	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C206	0CE1056K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	
		C206	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C207	0CE1056K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	
		C207	0CH1105D942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C208	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C208	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C209	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C209	0CK1040K945	O	O	O	O	O	O	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C210	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C210	0CH1471K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	470PF 50V 10% X7R(X) 1608 R/TP	
		C211	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C211	0CQ1031N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.01UF 100V J PE TP	
		C212	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C212	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C213	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C213	0CE4766F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C214	0CE2256K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C214	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C215	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C215	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C216	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C220	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C221	0CE1056K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	
		C222	0CK1040K945	O	O	O	O	O	O	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C223	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C224	0CE1056K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	
		C224	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		C225	0CE1066J618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C225	0CH1105D942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C226	0CE4766F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C226	0CH1105D942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C227	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C228	0CE4766F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C229	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C229	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C230	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C230	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C231	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C231	0CH1472K562	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	4700PF 50V K X7R(X) 1608 R/TP	
		C232	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C232	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C233	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C235	0CK1040K945	O	O	O	O	O	O	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C236	0CE4766F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C237	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C238	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C238	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C239	0CE4766F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C239	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C240	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C240	0CH1222K562	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K X7R(X) 1608 R/TP	
		C241	0CE4766F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C242	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C245	0CH1105D942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C251	0CH1105D942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C252	0CH4100K112	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C253	0CH1105D942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C254	0CH1105D942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C255	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C258	0CH1105D942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C261	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C262	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C263	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C264	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C265	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C272	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C273	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C274	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C278	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C279	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C280	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C281	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C284	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C285	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C286	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C287	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C288	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C290	0CH4180K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	18P 50V J COG 1.6X0.8 R/TP	
		C291	0CH4180K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	18P 50V J COG 1.6X0.8 R/TP	
		C292	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C293	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C294	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C295	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C296	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

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		C2A0	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C2A3	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2A4	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C2A5	0CH1683F942	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.068UF 16V 80%,-20% Y5V(F) 16	
		C2A6	0CH1102K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C2A7	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2A8	0CH1152K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1500PF 50V 10% X7R(X) 1608 R/T	
		C2A9	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2B3	0CH1392K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	3900PF 50V K Z5U(E) 1608 R/TP	
		C2B4	0CH1683F942	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.068UF 16V 80%,-20% Y5V(F) 16	
		C2B5	0CH1333K562	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C2B9	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2C1	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C2C2	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C2C4	0CH1102K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C2C5	0CH1332K562	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	3300P 50V K X7R 1.6X0.8 R/TP	
		C2C6	0CH1102K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C2C8	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2C9	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C2D0	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C2D1	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C2D2	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2D3	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2D4	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C2D5	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C2D6	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2D7	0CH1152K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1500PF 50V 10% X7R(X) 1608 R/T	
		C2D9	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2M1	0CE1074F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C2M2	0CH1682K562	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	6800P 50V K X7R 1.6X0.8 R/TP	
		C2M3	0CH1472K562	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	4700PF 50V K X7R(X) 1608 R/TP	
		C2M4	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2M5	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2M6	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2M7	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2M8	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2M9	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2N1	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C2N3	0CH1223K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C2N4	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C301	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C301	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C302	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C302	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C303	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C303	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C304	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C304	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C305	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C305	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C306	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C306	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C307	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C307	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C308	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C308	0CH1102K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C309	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		C309	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C310	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C311	0CK1040K945	O	O	O	O	O	O	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C312	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C313	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C314	0CH1102K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C314	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C315	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C316	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C316	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C317	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C317	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C318	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C318	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C319	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C319	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C320	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C320	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C321	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C322	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C323	0CE1076D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C324	0CH1473H942	O	O	O	O	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C325	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C326	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C327	0CE1066J618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C3F1	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C3F2	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C501	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C501	0CH4121K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C502	0CH4121K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C503	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C503	0CH4121K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C504	0CE1064F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C504	0CH4121K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C505	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C506	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C506	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C507	0CE4764F638	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C507	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C508	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C508	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C509	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C509	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C510	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C510	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C511	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C511	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C512	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C512	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C513	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C513	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C514	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C514	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C515	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C515	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C516	0CE108CC618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C516	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		C517	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C517	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C518	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C518	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C519	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C519	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C520	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C520	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C521	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C521	0CH4470K412	O	O	O	O	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	
		C522	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C522	0CH4470K412	O	O	O	O	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	
		C523	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C523	0CH4100K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	10PF 50V J NP0 1608 R/TP	
		C524	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C524	0CH4100K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	10PF 50V J NP0 1608 R/TP	
		C525	0CE2266F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	
		C525	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C526	0CE2266F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	
		C526	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C527	0CE2266F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	
		C527	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C528	0CE2266F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	
		C528	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C529	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C529	0CH1222K562	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K X7R(X) 1608 R/TP	
		C530	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C530	0CH1222K562	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K X7R(X) 1608 R/TP	
		C531	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C531	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C532	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C532	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C533	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C533	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C534	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C534	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C535	0CE3356K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	3.3UF SMS,SG 50V 20% FL TP 5	
		C535	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C536	0CE3356K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	3.3UF SMS,SG 50V 20% FL TP 5	
		C536	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C537	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C538	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C538	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C539	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C540	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C540	0CH4180K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	18P 50V J COG 1.6X0.8 R/TP	
		C541	0CH1562K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	5600PF 50V 10% X7R(X) 1608 R/T	
		C541	0CH4270K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C542	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C542	0CH1562K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	5600PF 50V 10% X7R(X) 1608 R/T	
		C543	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C543	0CH4121K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C544	0CH1225F944	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C544	0CH4121K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C545	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C546	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C547	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		C548	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C549	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C550	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C551	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C551	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C552	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C552	0CH4221K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C553	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C553	0CH4221K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C554	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C554	0CH4221K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C555	0CE3356K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	3.3UF SMS,SG 50V 20% FL TP 5	
		C555	0CH4221K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C556	0CQ2242L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.22UF S 63V J M/PE NI TP	
		C557	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C558	0CH1562K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	5600PF 50V 10% X7R(X) 1608 R/T	
		C559	0CH4121K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C560	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C561	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C562	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C563	0CQ2242L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.22UF S 63V J M/PE NI TP	
		C564	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C565	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C566	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C567	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C568	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C569	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C570	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C571	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C572	0CE4766H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 25V M FL TP(5)	
		C573	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C574	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C575	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C576	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C577	0CH1102K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C578	0CH1102K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C579	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C580	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C583	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C584	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C585	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C586	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C589	0CE2256K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C590	0CE2256K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C591	0CE1046K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	0.1M SMS 50V M FL TP(5)	
		C592	0CE1046K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	0.1M SMS 50V M FL TP(5)	
		C593	0CH1562K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	5600PF 50V 10% X7R(X) 1608 R/T	
		C594	0CH1562K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	5600PF 50V 10% X7R(X) 1608 R/T	
		C601	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C602	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C605	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C606	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C607	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C608	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C610	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C611	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C612	0CH4101K412	O	O	O	O	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		C616	0CE4766F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C617	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C618	0CE4766F618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C619	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C620	0CE4756K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C621	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C700	0CE228EK650	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMG 50V 20% FM7.5 BULK	
		C701	0CE228EK650	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMG 50V 20% FM7.5 BULK	
		C710	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C711	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C712	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C713	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C714	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C715	0CK105EK94A	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C716	0CE106BK638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	10UF KME TYPE 50V 20% FM5 TP 5	
		C717	0CH4331K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J COG 1.6X0.8 R/TP	
		C718	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C719	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C725	0CK105EK94A	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C726	0CE106BK638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	10UF KME TYPE 50V 20% FM5 TP 5	
		C727	0CH4331K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J COG 1.6X0.8 R/TP	
		C728	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C729	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C730	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C731	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C732	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C733	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C734	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C735	0CK105EK94A	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C736	0CE106BK638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	10UF KME TYPE 50V 20% FM5 TP 5	
		C737	0CH4331K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J COG 1.6X0.8 R/TP	
		C738	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C739	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C745	0CK105EK94A	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C746	0CE106BK638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	10UF KME TYPE 50V 20% FM5 TP 5	
		C747	0CH4331K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J COG 1.6X0.8 R/TP	
		C748	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C749	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C750	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C751	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C752	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C753	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C754	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C755	0CE106BK638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	10UF KME TYPE 50V 20% FM5 TP 5	
		C756	0CK105EK94A	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C765	0CE106BK638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	10UF KME TYPE 50V 20% FM5 TP 5	
		C766	0CK105EK94A	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C767	0CH4331K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J COG 1.6X0.8 R/TP	
		C768	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C769	0CH1104K566	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1040KPF 50V K X7R(X) 2012 R/TP	
		C777	0CH4331K412	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J COG 1.6X0.8 R/TP	
		C778	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C779	0CQ2242L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.22UF S 63V J M/PE NI TP	
		C788	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C789	0CQ2242L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.22UF S 63V J M/PE NI TP	
		C790	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C791	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		C792	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C793	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C794	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C795	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C796	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C797	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C798	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C799	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C79A	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C79B	0CQ6821N409	O	O	O	O	O	O	CAPACITOR,FIXED FILM	0.0068UF D 100V 5% PE TP5	
		C811	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C812	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C813	0CQ4742L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.47UF S 63V J M/PE NI TP	
		C821	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C822	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C823	0CQ4742L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.47UF S 63V J M/PE NI TP	
		C831	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C832	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C833	0CQ4742L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.47UF S 63V J M/PE NI TP	
		C841	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C842	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C843	0CQ4742L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.47UF S 63V J M/PE NI TP	
		C861	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C862	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C863	0CQ4742L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.47UF S 63V J M/PE NI TP	
		C871	0CQ4742L439	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.47UF S 63V J M/PE NI TP	
⚠		C901	0CG2220U630	O	O	O	O	O	O	CAPACITOR,SEMI CERAMIC	2200 PF 400V M E R (NK,AD,SD)	
⚠		C902	0CG2220U630	O	O	O	O	O	O	CAPACITOR,SEMI CERAMIC	2200 PF 400V M E R (NK,AD,SD)	
⚠		C903	0CG2220U630	O	O	O	O	O	O	CAPACITOR,SEMI CERAMIC	2200 PF 400V M E R (NK,AD,SD)	
⚠		C904	0CG2220U630	O	O	O	O	O	O	CAPACITOR,SEMI CERAMIC	2200 PF 400V M E R (NK,AD,SD)	
⚠		C905	0CG2220U630	O	O	O	O	O	O	CAPACITOR,SEMI CERAMIC	2200 PF 400V M E R (NK,AD,SD)	
		C906	0CE227JV6A0	O	O	O	O	O		CAPACITOR,FIXED ELECTROLYTIC	220UF SMH,HC 450V 20% BULK VNS	
		C906	0CE567RQ6A0						O	CAPACITOR,FIXED ELECTROLYTIC	560UF KMH 200V 20% BULK VNSN	
		C910	0CF12211450	O	O	O	O	O		CAPACITOR,FIXED FILM	1.2NF D 1KV 5% BULK PP NI	
		C910	0CF22211450						O	CAPACITOR,FIXED FILM	2.2NF D 1KV 5% BULK PP NI	
		C911	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C912	0CQ4721N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.0047U 100V J POLY TP	
		C913	0CQ4731N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.047U 100V J POLY TP	
		C921	0CQ1031Y519	O	O	O	O	O	O	CAPACITOR,POLYESTER	0.01UF D 630V K PE NI TP	
		C923	0CE1066K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C924	0CE4766K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 50V M FM5 TP(5)	
		C925	0CE4766K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 50V M FM5 TP(5)	
		C926	0CQ4721N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.0047U 100V J POLY TP	
		C927	0CQ1041N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.1U 100V J POLY TP	
		C929	0CE2276H618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	220M SMS 25V FM5 TP(5)	
		C930	624-087D	O	O	O	O	O	O	CAPACITOR	HI-VOL 470P/1KVDC SMPS SAMHWA	
		C931	0CE228NK610	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2200UF LXV 50V 20% BULK FL	
		C932	0CE228NK610	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2200UF LXV 50V 20% BULK FL	
		C934	0CE108EH610	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	1000UF KMG 25V 20% BULK FL	
		C935	0CE337EH638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 25V 20% FM5 TP 5	
		C936	0CE108EF610	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	1000UF KMG 16V 20% BULK FL	
		C937	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C938	0CE108EF610	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	1000UF KMG 16V 20% BULK FL	
		C939	0CE4776D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C941	0CE1076K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	100UF SMS 50V M FL TP5	
		C942	0CE107EH638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	100UF KMG 25V 20% FM5 TP 5	
		C951	0CE108CD638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 10V 20% TP 5 FM5	

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RUN DATE : 21.JUNE.2002

S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		C952	0CE1076D618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C953	0CE2256K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C954	0CE2256K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C955	0CE1056K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	
		C956	0CQ2721N409	O	O	O	O	O	O	CAPACITOR POLYESTER(MYLAR)	0.0027M 100V J POLY TP	
		C957	0CK1030K945	O	O	O	O	O	O	CAPACITOR,CERAMIC(HIGH DIELE)	0.01UF 50V Z F TR	
		C962	0CE227CF638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	220UF SHL,SD 16V 20% FM5 TP 5	
		C963	0CE107CH638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	100UF SHL,SD 25V 20% FM5 TP 5	
		C964	0CE108CC618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C965	0CE108CC618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C968	0CE108CC618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C971	0CE107CH638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	100UF SHL,SD 25V 20% FM5 TP 5	
		C973	0CE4766K618	O	O	O	O	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 50V M FM5 TP(5)	
		C974	0CE107CK638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	100UF SHL,SD 50V 20% FM5 TP 5	
		C975	0CE476CD638	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	47UF SHL,SD 10V 20% TP 5 FM5	
		C981	0CE2256K618	O	O	O	O	O	O	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C982	0CH1104K942	O	O	O	O	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C983	0CK1030K945	O	O	O	O	O	O	CAPACITOR,CERAMIC(HIGH DIELE)	0.01UF 50V Z F TR	
		C984	0CK1030K945	O	O	O	O	O	O	CAPACITOR,CERAMIC(HIGH DIELE)	0.01UF 50V Z F TR	
		C985	0CK1030K945	O	O	O	O	O	O	CAPACITOR,CERAMIC(HIGH DIELE)	0.01UF 50V Z F TR	
		C986	0CK1030K945	O	O	O	O	O	O	CAPACITOR,CERAMIC(HIGH DIELE)	0.01UF 50V Z F TR	
		C987	0CK1030K945	O	O	O	O	O	O	CAPACITOR,CERAMIC(HIGH DIELE)	0.01UF 50V Z F TR	
		C988	0CH1103K562	O	O	O	O	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
⚠		CM901	624-088L	O	O	O	O	O	O	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
⚠		CM902	624-088L	O	O	O	O	O	O	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
										COIL		
		FB901	636-004C	O	O	O	O	O	O	COIL	BEAD CORE BFS3550R2FD8,R T/P	
		L506	0LC0233002E	O	O	O	O	O	O	INDUCTOR,CHIP	HB-1H1608-221 CERATECH R/TP	
		L700	6140RCC002A	O	O	O	O	O	O	COIL,CHOKE	20UH/6A BAR CORE 20UH KWANGS	
		L711	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L712	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L721	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L722	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L731	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L732	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L741	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L742	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L761	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L762	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L771	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L781	6140RCC003B	O	O	O	O	O	O	COIL,RF	8080P-13-220K KWANGSUNG 22UH,4	
		L931	633-088D	O	O	O	O	O	O	COIL,CHOKE	CHOCK ,20UH KWANGSUNG LEAD CU	
		L932	633-088D	O	O	O	O	O	O	COIL,CHOKE	CHOCK ,20UH KWANGSUNG LEAD CU	
		L933	633-088D	O	O	O	O	O	O	COIL,CHOKE	CHOCK ,20UH KWANGSUNG LEAD CU	
		L951	633-088D	O	O	O	O	O	O	COIL,CHOKE	CHOCK ,20UH KWANGSUNG LEAD CU	
										DIODE		
		BD901	0DRGS00370A	O	O	O	O	O	O	DIODE,RECTIFIERS	GBU4J GENERAL SEMICONDUCTOR BK	
		D001	0DD133009AB						O	DIODE,SWITCHING	12	
		D004	0DD133009AB						O	DIODE,SWITCHING	12	
		D005	0DD133009AB						O	DIODE,SWITCHING	12	
		D006	0DD133009AB	O	O	O	O	O		DIODE,SWITCHING	12	
		D101	0DD133009AB	O	O	O	O	O	O	DIODE,SWITCHING	12	
		D102	0DD133009AB	O	O	O	O	O	O	DIODE,SWITCHING	12	
		D103	0DD133009AB	O	O	O	O	O	O	DIODE,SWITCHING	12	
		D104	0DR102109AA	O	O	O	O	O	O	DIODE,RECTIFIERS	RL102-10C TP GULF SEMICONDUCTO	
		D105	0DD133009AB	O	O	O	O	O	O	DIODE,SWITCHING	12	
		D2A1	0DS202009CA	O	O	O	O	O	O	DIODE,SWITCHING	DAN202K TP ROHM KOREA SOT23 80	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		D2A2	0DS202009CA	O	O	O	O	O	O	DIODE,SWITCHING	DAN202K TP ROHM KOREA SOT23 80	
		D2A3	0DS202009CA	O	O	O	O	O	O	DIODE,SWITCHING	DAN202K TP ROHM KOREA SOT23 80	
		D302	0DD133009AB	O	O	O	O	O	O	DIODE,SWITCHING	12	
		D902	0DD010009AC	O	O	O	O	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D911	0DD133009AB	O	O	O	O	O	O	DIODE,SWITCHING	12	
		D912	0DD133009AB	O	O	O	O	O	O	DIODE,SWITCHING	12	
		D920	0DD010009CA	O	O	O	O	O	O	DIODE,RECTIFIER	EG01CW(R-FORM 5MM) TP SANKEN	
		D921	0DD010009AC	O	O	O	O	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D922	0DD010009AC	O	O	O	O	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D931	4921RCE023A	O	O	O	O	O	O	HEAT SINK ASSEMBLY	AL EX 30X13X40	
		D933	0DD400000AD	O	O	O	O	O	O	DIODE,RECTIFIERS	RU4YXLF(015-305) M20 SANKEN	
		D934	0DRRE00090A	O	O	O	O	O	O	DIODE,RECTIFIERS	SR340 RECTRON BK DO201AD 40V 3	
		D935	0DRRE00090A	O	O	O	O	O	O	DIODE,RECTIFIERS	SR340 RECTRON BK DO201AD 40V 3	
		D936	0DD010009AC	O	O	O	O	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D941	0DD010009AC	O	O	O	O	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D942	0DD010009AC	O	O	O	O	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D951	0DRRE00083A	O	O	O	O	O	O	DIODE,RECTIFIERS	SR140 RECTRON TP26 DO41 40V 1A	
		D952	0DD010009AC	O	O	O	O	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D953	0DD414809GA	O	O	O	O	O	O	DIODE,SWITCHING	1N4148 TP GRANDE ------	
		D954	0DD414809GA	O	O	O	O	O	O	DIODE,SWITCHING	1N4148 TP GRANDE ------	
		D955	0DD414809GA	O	O	O	O	O	O	DIODE,SWITCHING	1N4148 TP GRANDE ------	
		D981	0DD133009AB	O	O	O	O	O	O	DIODE,SWITCHING	12	
										DIGITRON		
		VFD001	6302R-V112A	O	O	O	O	O	O	DIGITRON	12BT127GNK FUTABA UNIVERSAL DV	
										FILTER		
		FB501	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB502	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB503	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB504	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB505	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB506	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB507	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB508	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB509	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB601	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB602	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB603	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB604	6200HJC901A	O	O	O	O	O	O	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		FB605	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB606	6200HJC901A	O	O	O	O	O	O	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		FB607	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB608	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		FB609	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L101	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L102	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L103	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L104	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L105	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L106	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L201	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L201	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L202	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L203	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L203	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L205	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L206	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L206	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		L207	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L207	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L208	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L209	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L210	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L211	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L212	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L213	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L2A1	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L2A2	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L301	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L303	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L304	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L305	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L308	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L310	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L3F1	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L502	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L503	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L504	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L505	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L601	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L602	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L710	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L730	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L750	6200HJC102A	O	O	O	O	O	O	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
⚠		LF901	6200JB8008V	O	O	O	O	O	O	FILTER(CIRC),EMC	SQE2828 KWANGSUNG BK 30MH	
⚠		LF902	6200JB8008V	O	O	O	O	O	O	FILTER(CIRC),EMC	SQE2828 KWANGSUNG BK 30MH	
										FUSE		
⚠		F901	0FT5001B513	O	O	O	O	O	O	FUSE TIME LAG	5A 250V 5.2X20 CY/GL SEMKO	
										IC, SENSOR		
		F902	GIRH200000B	O	O	O	O	O	O	IC,ROHM	ICP-N20 T104 TP IC DETACT	
		F903	GIRH200000B	O	O	O	O	O	O	IC,ROHM	ICP-N20 T104 TP IC DETACT	
		IC101	0IMCRSA020A	O	O	O	O	O	O	IC,MICRO CONTROLLER	LC876748A-50L6 SANYO 100 QFP T	
		IC102	0IPRPJR004A	O	O	O	O	O	O	IC,PERIPHERALS	NJM2279M JRC 14PIN SOP R/TP 3I	
		IC201	0ILNRCI003A	O	O	O	O	O	O	IC,LINEAR	CS493264-CLR CIRRUS LOGIC 44 P	
		IC201	0ILNRHY002B	O	O	O	O	O	O	IC,LINEAR	HDC25D811B HYUNDAI 208 QFP TRA	
		IC203	0IEB121616A	O	O	O	O	O	O	IC,ELITE MEMORY TECHNOLOGY	M12L16161A-7T 50P TSOP ST 16M(	
		IC205	0ICB422800B	O	O	O	O	O	O	IC,CRYSTAL SEMICONDUCTOR	CS4228A-KSR 28 SSOP R/TP 24BIT	
		IC206	0ICB841500B	O	O	O	O	O	O	IC,CRYSTAL SEMICONDUCTOR	CS8415A-CZR 28P TSSOP R/TP 96K	
		IC206	GITO704000F	O	O	O	O	O	O	IC,TOSHIBA	TC7W04FU	
		IC207	0IFA742440H	O	O	O	O	O	O	IC,FAIRCHILD	74VHC244MTCX 20 TSSOP R/TP LIN	
		IC208	0IFA742440H	O	O	O	O	O	O	IC,FAIRCHILD	74VHC244MTCX 20 TSSOP R/TP LIN	
		IC2A1	0ILNRHI003A	O	O	O	O	O	O	IC,LINEAR	HD153702TF HITACHI 64 TQFP TRA	
		IC2A2	0IJR341400C	O	O	O	O	O	O	IC,JRC	NJM3414AM-TE1,3K/REEL. JRC	
		IC2A4	0IKE393000G	O	O	O	O	O	O	IC,KEC	KIA393F-EL FLP-8 TP DUAL COMPA	
		IC2M1	0IFA303200A	O	O	O	O	O	O	IC,FAIRCHILD	KA3032 48QFP BK 5CH MOTOR DRIV	
		IC301	0ILNRPV001A	O	O	O	O	O	O	IC,LINEAR	PS9702B PULSUS 100 QFP TRAY 6C	
		IC301	0IXL957210C	O	O	O	O	O	O	IC,XILINX	XC9572XL-10TQ100C 100 QFP TRAY	
		IC305	0IMMRWI004B	O	O	O	O	O	O	IC,MEMORIES	W986432DH-6 WINBOND 86PIN TSOP	
		IC3F1	0IMMRAL009A	O	O	O	O	O	O	IC,MEMORIES	AT49LV8192A-90TC ATMEL 48PIN T	
		IC501	0INS860200A	O	O	O	O	O	O	IC,NATIONAL SEMICONDUCTOR	NDV8602 240 VQFP BK MICOM+MPEG	
		IC501	0IPRPJR003A	O	O	O	O	O	O	IC,PERIPHERALS	NU7312AM JRC 30PIN SOP ST ANAL	
		IC502	0IJR456000B	O	O	O	O	O	O	IC,JRC	NJM4560M-TE1-DMP,OP AMP,JRC	
		IC502	0IMMRAL012A	O	O	O	O	O	O	IC,MEMORIES	AT93C56-10SC(SI)-2.7-8S1 ATMEL	
		IC503	0ILNRJR005A	O	O	O	O	O	O	IC,LINEAR	NJM072M JRC 8PIN SOP TP DUAL J	
		IC504	0ILNRJR005A	O	O	O	O	O	O	IC,LINEAR	NJM072M JRC 8PIN SOP TP DUAL J	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		IC505	0IJR456000B	O	O	O	O	O	O	IC,JRC	NJM4560M-TE1-DMP,OP AMP.JRC	
		IC506	0ILNRJR005A	O	O	O	O	O	O	IC,LINEAR	NJM072M JRC 8PIN SOP TP DUAL J	
		IC506	0IPMGRH003A	O	O	O	O	O	O	IC,POWER MANAGEMENT	BA18BC0FP-E2 ROHM 3P TO252-3 R	
		IC507	0ILNRJR005A	O	O	O	O	O	O	IC,LINEAR	NJM072M JRC 8PIN SOP TP DUAL J	
		IC508	0IJR456000B	O	O	O	O	O	O	IC,JRC	NJM4560M-TE1-DMP,OP AMP.JRC	
		IC710	0IPRPSG009A	O	O	O	O	O	O	IC,PERIPHERALS	STA505 SGS-THOMSON 36P SOP R/T	
		IC730	0IPRPSG009A	O	O	O	O	O	O	IC,PERIPHERALS	STA505 SGS-THOMSON 36P SOP R/T	
		IC750	0IPRPSG009A	O	O	O	O	O	O	IC,PERIPHERALS	STA505 SGS-THOMSON 36P SOP R/T	
⚠		IC901	4921RCE015A	O	O	O	O	O	O	HEAT SINK ASSEMBLY	AL EX 52 X 40 X 17 (PWM IC)	
⚠		IC902	0IPMGFA037A	O	O	O	O	O	O	IC,POWER MANAGEMENT	FSDH0165 FAIRCHILD 8 DIPH ST P	
		IC951	0ISS431000A	O	O	O	O	O	O	IC,SAMSUNG ELECTRONICS	KA431AZ (LM431AZ)	
		IC952	0ISS431000A	O	O	O	O	O	O	IC,SAMSUNG ELECTRONICS	KA431AZ (LM431AZ)	
		IC961	4921RCE013A	O	O	O	O	O	O	HEAT SINK ASSEMBLY	AL EX H=16 X=35 (IC7812)	
		IC962	4921RCE014A	O	O	O	O	O	O	HEAT SINK ASSEMBLY	AL EX H=16 X=35 (IC7808)	
		IC963	4921RCE018A	O	O	O	O	O	O	HEAT SINK ASSEMBLY	AL EX H=45 X=21 (IC378R05)	
		IC964	4921RCE017A	O	O	O	O	O	O	HEAT SINK ASSEMBLY	AL EX H=45 X=21 (IC378R33)	
		IC965	4921RCE011A	O	O	O	O	O	O	HEAT SINK ASSEMBLY	AL EX 55 X 21 3.3V REGULATOR	
		IC971	0ISS791200A	O	O	O	O	O	O	IC,SAMSUNG SEMICONDUCTOR	KA7912 ST REGULATOR IC	
										JACK		
		JK001	6612R-A002A	O	O	O	O	O	O	JACK,HEADPHONE	PPJ35G PARK ELEC. ST BLACK	
		JK601	6612R-C006Q	O	O	O	O	O	O	JACK,RCA	RCA/DIN-18G YUQIU . DVD RECEIV	
										REMOTE CONTROLLER RECEIVER		
		RMC001	6712R2038GD	O	O	O	O	O	O	REMOTE CONTROLLER RECEIVER	TSOP1838 SJ1 VISHAY(TEMIC) 37-	
										RESISTOR		
		L204	0RH0000D622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L302	0RH0000D622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L302	0RH0471D622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 10 W 2012 5.00% D	
		L306	0RH2200C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		L307	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R001	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R002	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R003	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R004	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R005	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R006	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R007	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R008	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R009	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R010	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R011	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R012	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R013	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R014	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R015	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R016	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R017	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R018	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R019	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R021	0RD1500F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	150 OHM 1/6 W 5.00% TA52	
		R023	0RD1001F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA52	
		R024	0RD1001F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA52	
		R025	0RD4701F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5.00% TA52	
		R026	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R027	0RD6800F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5.00% TA52	
		R028	0RD8200F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5.00% TA52	
		R029	0RD1201F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5.00% TA52	

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		R030	0RD1501F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5.00% TA52	
		R031	0RD2201F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5.00% TA52	
		R032	0RD3301F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	3.3K OHM 1/6 W 5.00% TA52	
		R033	0RD4701F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5.00% TA52	
		R034	0RD8201F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	8.2K OHM 1/6 W 5.00% TA52	
		R035	0RD1502F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	15K OHM 1/6 W 5.00% TA52	
		R037	0RD5600F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5.00% TA52	
		R038	0RD5600F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5.00% TA52	
		R039	0RD5600F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5.00% TA52	
		R040	0RD5600F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5.00% TA52	
		R041	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R042	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R043	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R044	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R045	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R046	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R047	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R048	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R049	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R101	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R102	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R103	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R104	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R105	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R106	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R107	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R108	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R109	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R110	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R111	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R112	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R113	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R114	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R115	0RH1004C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R116	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R118	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R119	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R120	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R121	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R124	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R125	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R126	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R127	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R128	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R131	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R132	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R133	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R134	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R135	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R136	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R137	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R138	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R139	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R140	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R141	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R142	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R143	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		R144	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R146	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R147	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R148	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R149	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R150	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R151	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R152	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R153	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R154	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R155	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R156	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R157	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R158	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R201	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R201	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R202	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R202	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R203	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R203	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R204	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R204	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R206	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R207	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R207	0RH1004C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R208	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R209	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R210	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R211	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R212	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R213	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R214	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R215	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R216	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R217	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R217	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R218	0RH3901C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R218	0RH4700C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R219	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R219	0RH3901C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R220	0RH0331C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3 OHM 1 / 16 W 1608 5.00% D	
		R220	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R225	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R226	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R227	0RH3901C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R228	0RH0332C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R229	0RH0332C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R229	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R230	0RH0332C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R230	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R231	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R231	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R232	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R232	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R233	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R233	0RH3302C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R234	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		R234	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R235	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R235	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R236	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R236	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R237	0RH0472C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R237	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R238	0RH0472C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R239	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R239	0RH0472C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R240	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R240	0RH0472C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R241	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R241	0RH0472C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R242	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R242	0RH0472C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R243	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R244	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R245	0RH2201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R248	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R249	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R250	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R251	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R252	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R252	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R253	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R254	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R256	0RH0332C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R257	0RH0332C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R258	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R259	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R260	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R261	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R262	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R263	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R264	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R265	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R266	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R267	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R269	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R270	0RH1500C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R273	0RH1501C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R274	0RH6200C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	620 OHM 1 / 16 W 1608 5.00% D	
		R275	0RH1501C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R276	0RH9100C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	910 OHM 1 / 16 W 1608 5.00% D	
		R277	0RH1500C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R278	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R279	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R281	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R282	0RH3302C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R283	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R290	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R291	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2A1	0RH0912C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	91 OHM 1 / 16 W 1608 5.00% D	
		R2A6	0RH1202C422	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 1.00% D	
		R2A9	0RH5602C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R2B0	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		R2B1	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2B2	0RH0182C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 16 W 1608 5.00% D	
		R2B3	0RH0182C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 16 W 1608 5.00% D	
		R2B4	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2B5	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2B6	0RH0182C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 16 W 1608 5.00% D	
		R2B7	0RH0182C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 16 W 1608 5.00% D	
		R2B8	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2C0	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2C4	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2C5	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2C6	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2C7	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2C8	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2C9	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2D0	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2D1	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2D2	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2D3	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2D4	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2D5	0RH6801C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R2D6	0RH0912C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	91 OHM 1 / 16 W 1608 5.00% D	
		R2E6	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R2E7	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R2E8	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2F1	0RH2200C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R2F2	0RH2200C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R2F3	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R2F4	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R2F5	0RH2202C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R2F6	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2F7	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2F8	0RH2201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R2F9	0RH2201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R2G1	0RH2201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R2G2	0RH2201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R2G3	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2G4	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2G7	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2G9	0RH1500C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R2M1	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2M2	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2M3	0RH7501C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R2M5	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2M6	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2M7	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2M8	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2M9	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2N0	0RH1202C422	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 1.00% D	
		R2N1	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2N2	0RH5601C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R2N3	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2N4	0RH1502C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R2N5	0RH1202C422	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 1.00% D	
		R2N6	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2N7	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R2N8	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		R2N9	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2P0	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R2P1	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2P2	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2P3	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R2P7	0RH2202C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R2P8	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R2P9	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R2Q1	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R301	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R302	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R303	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R303	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R304	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R305	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R306	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R306	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R307	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R307	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R308	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R308	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R309	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R309	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R310	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R310	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R311	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R312	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R316	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R317	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R317	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R318	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R318	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R319	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R319	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R320	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R321	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R321	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R322	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R323	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R324	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R325	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R326	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R327	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R328	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R329	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R330	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R331	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R332	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R333	0RD1000F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	100 OHM 1/6 W 5.00% TA52	
		R345	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R346	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R350	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R351	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R352	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R353	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R354	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R355	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	

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RUN DATE : 21.JUNE.2002

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		R356	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R357	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R358	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R359	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R360	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R361	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R362	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R363	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R364	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R365	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R366	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R367	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R368	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R3F1	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R3F2	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R3F3	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R3F4	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R3F5	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R500	0RH2203C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R501	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R501	0RH3301C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R502	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R503	0RH4703C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R504	0RH1000C422	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 1.00% D	
		R504	0RH4703C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R505	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R505	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R506	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R506	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R507	0RH4703C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R508	0RH4703C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R509	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R510	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R511	0RH0471C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R512	0RH0471C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R513	0RH0471C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R514	0RH0471C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R515	0RH1501C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R516	0RH1501C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R517	0RH1003C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R518	0RH1003C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R519	0RH4703C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R520	0RH4703C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R521	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R521	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R522	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R522	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R523	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R523	0RH4701C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R524	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R525	0RH0222C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R525	0RH2203C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R526	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R526	0RH4700C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R527	0RH4700C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R528	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R529	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		R530	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R531	0RH2002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	20K OHM 1 / 16 W 1608 5.00% D	
		R531	0RH6800C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R532	0RH2002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	20K OHM 1 / 16 W 1608 5.00% D	
		R532	0RH6800C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R533	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R533	0RH6800C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R534	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R534	0RH6800C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R535	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R535	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R536	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R536	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R537	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R537	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R538	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R539	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R539	0RH1500C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R540	0RH1500C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R541	0RH1500C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R542	0RH1500C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R543	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R544	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R545	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R546	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R547	0RH1003C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R548	0RH1003C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R549	0RH5600C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R550	0RH5600C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R551	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R552	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R553	0RH1802C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R554	0RH1802C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R555	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R556	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R557	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R558	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R559	0RH1202C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R560	0RH1202C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R561	0RH1202C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R562	0RH1202C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R563	0RH2203C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R564	0RH2203C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R565	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R566	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R567	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R568	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R569	0RH1003C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R570	0RH5600C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R571	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R572	0RH1802C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R573	0RH1201C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R574	0RH4702C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R575	0RH1202C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R576	0RH1202C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R577	0RH2203C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R578	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		R579	0RH3300C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R580	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R581	0RH1000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R582	0RH1003C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R583	0RH1003C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R584	0RH1802C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R585	0RH1802C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R586	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R587	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R588	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R589	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R590	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R591	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R597	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R598	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R599	0RH0102C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R603	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R604	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R605	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R606	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R607	0RH0752C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R608	0RH1001C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R609	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R610	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R611	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R612	0RH2200C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R613	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R711	0RH2200C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R712	0RH0000D622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R713	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R714	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R715	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R716	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R717	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R718	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R725	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R726	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R727	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R728	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R731	0RH2200C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R732	0RH0000D622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R733	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R734	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R735	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R736	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R737	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R738	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R745	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R746	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R747	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R748	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R751	0RH2200C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R752	0RH0000D622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R753	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R754	0RH1002C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R765	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R766	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		R767	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R768	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R775	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R776	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R777	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R778	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R779	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R787	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R788	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R789	0RH0561C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 16 W 1608 5.00% D	
		R792	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R793	0RH0000C622	O	O	O	O	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R900	0RD1504H632	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R910	0RD0102F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5.00% TA52	
		R911	0RD0472F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47 OHM 1/6 W 5.00% TA52	
		R912	0RD5600F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5.00% TA52	
		R913	0RD3300F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	330 OHM 1/6 W 5.00% TA52	
		R921	0RS4703K618	O	O	O	O	O	O	RESISTOR,FIXED METAL OXIDE FIL	470K OHM 2 W 5% RT5	
		R923	0RS5602K619	O	O	O	O	O	O	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R924	0RD0102F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5.00% TA52	
		R925	0RD4702F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA52	
		R927	0RD4702F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA52	
		R930	0RM4700S610	O	O	O	O	O	O	RESISTOR,FIXED CEMENT	470 OHM 10 W 5% R RWR	
		R931	0RM4700S610	O	O	O	O	O	O	RESISTOR,FIXED CEMENT	470 OHM 10 W 5% R RWR	
		R941	0RD4700F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	470 OHM 1/6 W 5.00% TA52	
		R943	0RD1802F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	18K OHM 1/6 W 5.00% TA52	
		R944	0RD1201F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5.00% TA52	
		R945	0RD3300F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	330 OHM 1/6 W 5.00% TA52	
		R951	0RD0562F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	56 OHM 1/6 W 5.00% TA52	
		R952	0RD4701F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5.00% TA52	
		R953	0RD2701F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	2.7K OHM 1/6 W 5.00% TA52	
		R954	0RD2001F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	2K OHM 1/6 W 5.00% TA52	
		R955	0RD1500F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	150 OHM 1/6 W 5.00% TA52	
		R961	0RD4700F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	470 OHM 1/6 W 5.00% TA52	
		R962	0RD4700F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	470 OHM 1/6 W 5.00% TA52	
		R963	0RD4700F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	470 OHM 1/6 W 5.00% TA52	
		R972	0RD2701F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	2.7K OHM 1/6 W 5.00% TA52	
		R973	0RD5600F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5.00% TA52	
		R974	0RD0822F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	82 OHM 1/6 W 5.00% TA52	
		R975	0RD5600F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5.00% TA52	
		R976	0RD2202F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5.00% TA52	
		R977	0RD5600F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5.00% TA52	
		R978	0RD1002F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA52	
		R979	0RD3303F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	330K OHM 1/6 W 5.00% TA52	
		R980	0RD3903F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	390K OHM 1/6 W 5.00% TA52	
		R983	0RD1001F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA52	
		R984	0RD1001F609	O	O	O	O	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA52	
										LED		
		LD001	0DL325319AA	O	O	O	O	O	O	LED	SPR325MWT31 TP ROHM GREEN/RED	
										SWITCH		
		SW001	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW002	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW003	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW004	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW005	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW006	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW007	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		SW008	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW009	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW010	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW101	556-219B	O	O	O	O	O	O	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW102	6600R-SH02A	O	O	O	O	O	O	SWITCH,SLIDE	SKQ-23D15-G5-NA LUPFUNG DC 30	
										SENSOR		
		PC910	657-063A	O	O	O	O	O	O	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		PC920	657-063A	O	O	O	O	O	O	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		PC921	657-063A	O	O	O	O	O	O	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
										TRANSISTOR		
		Q001	0TR103009AE	O	O	O	O	O	O	TRANSISTOR	KRC103M-TP (KRC1203) KEC	
		Q002	0TR103009AF	O	O	O	O	O	O	TRANSISTOR	KRA103M-TP (KRA2203) KEC	
		Q101	0TR103009AE	O	O	O	O	O	O	TRANSISTOR	KRC103M-TP (KRC1203) KEC	
		Q102	0TR102009AE	O	O	O	O	O	O	TRANSISTOR	KRA102M (KRA2202) TP KEC TO	
		Q2A1	0TR103709BB	O	O	O	O	O	O	TRANSISTOR	2SA1037K-Q CHIP ROHM-J	
		Q2A2	0TR103709BB	O	O	O	O	O	O	TRANSISTOR	2SA1037K-Q CHIP ROHM-J	
		Q2A5	0TR388209AA	O	O	O	O	O	O	TRANSISTOR,BIPOLARS	CHIP KTC3882 SOT-23 TP KEC - -	
		Q2A6	0TR388209AA	O	O	O	O	O	O	TRANSISTOR,BIPOLARS	CHIP KTC3882 SOT-23 TP KEC - -	
		Q2M1	0TR124009AP	O	O	O	O	O	O	TRANSISTOR	DTC124EK TP ROHM KOREA SOT23 3	
		Q501	0TR102009AE	O	O	O	O	O	O	TRANSISTOR	KRA102M (KRA2202) TP KEC TO	
		Q502	0TR130209AA	O	O	O	O	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q503	0TR130209AA	O	O	O	O	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q504	0TR102009AE	O	O	O	O	O	O	TRANSISTOR	KRA102M (KRA2202) TP KEC TO	
		Q505	0TR130209AA	O	O	O	O	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q507	0TR130209AA	O	O	O	O	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q508	0TR130209AA	O	O	O	O	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q920	0TR126809BA	O	O	O	O	O	O	TRANSISTOR,BIPOLARS	KTA1268-BL TP KEC	
		Q950	0TR126809BA	O	O	O	O	O	O	TRANSISTOR,BIPOLARS	KTA1268-BL TP KEC	
		Q971	0TR128109AA	O	O	O	O	O	O	TRANSISTOR	KTA1281Y TP KEC TO-92L	
		Q972	0TR320509AB	O	O	O	O	O	O	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q973	0TR319809AC	O	O	O	O	O	O	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	
		Q974	0TR320509AB	O	O	O	O	O	O	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q975	0TR320509AB	O	O	O	O	O	O	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q982	0TR103009AF	O	O	O	O	O	O	TRANSISTOR	KRA103M-TP (KRA2203) KEC	
										TUNER		
		TUNER	6700R-DK03A						O	TUNER	KST-MB011MA0-1 Y2K1 KS FCC 3GA	
		TUNER	6700R-DK05B	O	O	O	O	O		TUNER	KST-MB114MA1-60(4G,RDS,BPF,CE,	
										TRANSFORMER		
⚠		T901	6170RNGW17A						O	TRANSFORMER,SMPS[COIL]	EER-5345 KWANGSUNG DA-5620	
⚠		T901	6170RNGW18A	O	O	O	O	O		TRANSFORMER,SMPS[COIL]	EER-5345 KWANGSUNG DA-5620	
⚠		T902	6170RNGW19A	O	O	O	O	O	O	TRANSFORMER,SMPS[COIL]	EE-1927 KWANGSUNG DA-5620	
										THERMISTOR		
		TH901	6322RC0001A	O	O	O	O	O	O	THERMISTOR,NTC	NTPDB5R0LD7B0 MURATA - 0.15	
										VARISTOR		
		VR901	6102R2A002A	O	O	O	O	O	O	VARISTOR	SVC471D-10A BL 7 SAMHWA 470V 0	
										VARIABLE RESISTOR		
		VR001	6110S-ET01A	O	O	O	O	O	O	VOLUME,ENCODER	EC16B242040M ALPS - D=16 V 24	
										X-TAL		
		X101	6212AA2983C	O	O	O	O	O	O	RESONATOR,CRYSTAL	HC-49S BUBANG 9.8304MHZ +/- 30	
		X201	6202R-BM04C	O	O	O	O	O	O	RESONATOR,CRYSTAL	HC-49/S BUBANG 33-8688MHZ 5	
		X201	6204R-HK01C	O	O	O	O	O	O	OSCILLATOR,STD	KXO-210 BUBANG AXIAL 12.288MHZ	
		X501	6202R-BL06C	O	O	O	O	O	O	RESONATOR,CRYSTAL	HC-49/S BUBANG 27MHZ 20PPM 1	
										ZENER DIODE		
		ZD201	0DZ270009BC	O	O	O	O	O	O	DIODE,ZENER	GDZJ2.7A TP GRANDE DO34 500MW	
		ZD601	0DZ510009AH	O	O	O	O	O	O	DIODE,ZENER	GDZJ5.1B TP GRANDE DO-34 500MW	
		ZD910	0DZ470009AD	O	O	O	O	O	O	DIODE,ZENER	GDZJ4.7B TP GRANDE DO34 500MW	
		ZD971	0DZ330009AR	O	O	O	O	O	O	DIODE,ZENERS	GDZJ33D GRANDE TP52 - - 33V 5U	

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S	AL	LOCA.NO.	PART NO	A	B	C	D	E	F	DESCRIPTION	SPECIFICATION	REMARK
		ZD972	0DZ510009AH	O	O	O	O	O	O	DIODE,ZENER	GDZJ5.1B TP GRANDE DO-34 500MW	
		ZD973	0DZ510009AH	O	O	O	O	O	O	DIODE,ZENER	GDZJ5.1B TP GRANDE DO-34 500MW	
		ZD974	0DZ470009AD	O	O	O	O	O	O	DIODE,ZENER	GDZJ4.7B TP GRANDE DO34 500MW	
		ZD981	0DZ470009AD	O	O	O	O	O	O	DIODE,ZENER	GDZJ4.7B TP GRANDE DO34 500MW	
										SOCKET		
		JK700	6620RCS002A	O	O	O	O	O	O	SOCKET (CIRC),DRAWING	PA1220601P DONGBO SPEAKER TERM	
										CONNECTOR		
		CN901	6630R-BF03J	O	O	O	O	O	O	CONNECTOR (CIRC),BOARD TO BOAR	JE121-10 JAE EUN 10PIN 2-54MM	
		CN902	6630R-BF03J	O	O	O	O	O	O	CONNECTOR (CIRC),BOARD TO BOAR	JE121-10 JAE EUN 10PIN 2-54MM	
		CN903	561-711L	O	O	O	O	O	O	CONNECTOR (CIRC),WAFER	GIL-S-12P-S2T2-EF LG CABLE 12P	
		P3301	6630XE00115	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-015-010-000 ELCO 15P 1	
		P5101	6631R-E009Y	O	O	O	O	O	O	CONNECTOR ASSEMBLY	GIL-S/9073ST 12 PIN 120M/M UL1	
		P5501	6630R-FB02W	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-123-008-800 ELCO 23PIN	
		PMD02	6630R-FB02W	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-123-008-800 ELCO 23PIN	
		PMD03	6630R-FB02K	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-111-008-800 ELCO 11PIN	
		PN001	6630R-FB05W	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	00-6232-023-104-800 ELCO 23PIN	
		PN002	6630XE01124	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	00-6232-024-006-800 ELCO 24P 1	
		PN101	6630R-FB02W	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-123-008-800 ELCO 23PIN	
		PN102	6630XE01224	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-024-010-000 ELCO 24P 1	
		PN103	6630R-FB02W	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-123-008-800 ELCO 23PIN	
		PN104	561-686M	O	O	O	O	O	O	CONNECTOR (CIRC),FFC/FPC	00-8370-131-000-800 ELCO 13PIN	
		PN901	561-292B	O	O	O	O	O	O	CONNECTOR	GP390 LGC 3P 3.96 STRAIGHT SN	
		PN901	6630R-BF07J	O	O	O	O	O	O	CONNECTOR (CIRC),BOARD TO BOAR	117-A8T-10 JAE EUN 10PIN 2-54M	
		PN902	6630R-BF07J	O	O	O	O	O	O	CONNECTOR (CIRC),BOARD TO BOAR	117-A8T-10 JAE EUN 10PIN 2-54M	

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